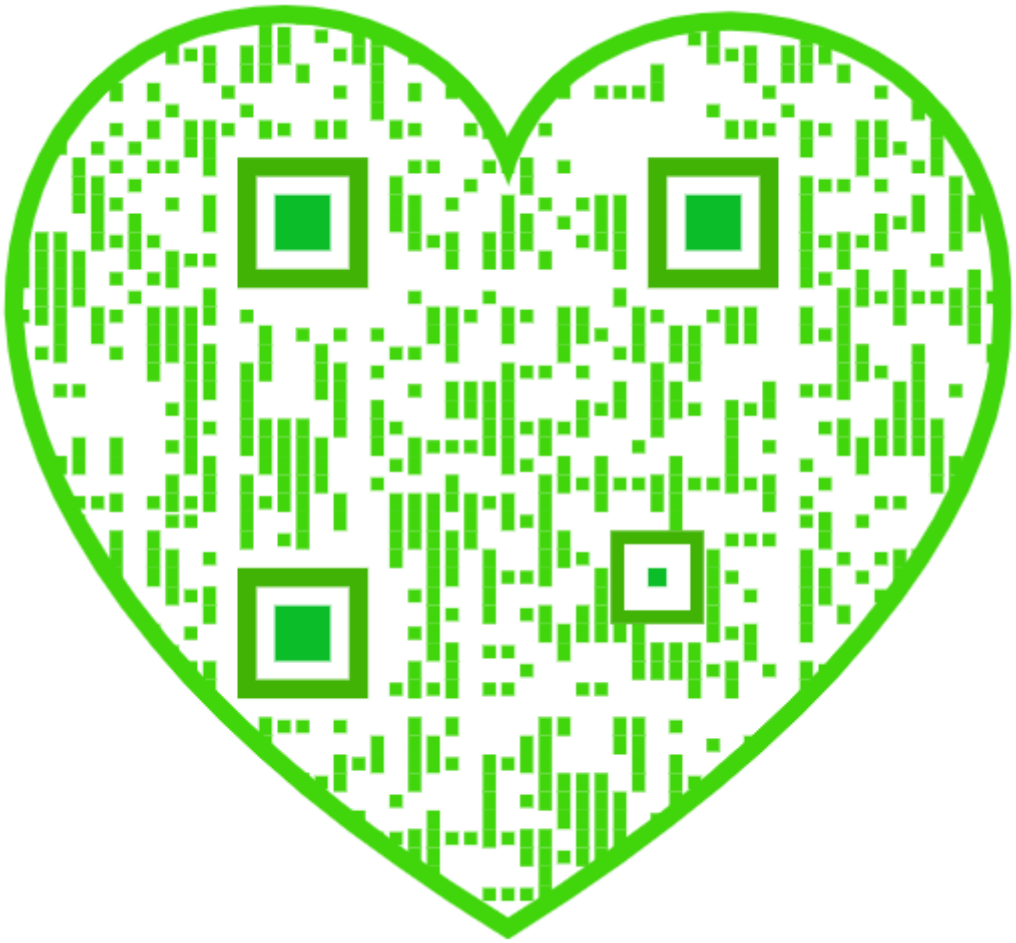
HODGSON'S
Practical Bungalows and Cottages

One Hundred and Twenty Five Designs



Practical Bungalows and Cottages for Town and Country

PERSPECTIVE VIEWS AND FLOOR PLANS OF ONE HUNDRED TWENTY-FIVE LOW AND MEDIUM PRICED HOUSES AND BUNGALOWS

FULL AND COMPLETE WORKING PLANS AND SPECIFICATIONS OF ANY OF THESE HOUSES WILL BE MAILED AT THE LOW PRICES NAMED PROMPTLY

ILLUSTRATED

Arranged and Edited *by* FRED. T. HODGSON

AUTHOR OF "MODERN CARPENTRY," VOL'S I AND II; "PRACTICAL USES OF THE STEEL SQUARE," VOL'S I AND II; "COMMON SENSE STAIR BUILDING," "ARCHITECTURAL DRAWING SELF TAUGHT," "MODERN ESTIMATOR AND CONTRACTOR'S GUIDE," ETC.

SEND ALL ORDERS FOR PLANS TO

FREDERICK J. DRAKE & COMPANY

ARCHITECTURAL DEPARTMENT

350-352 WABASH AVENUE :: CHICAGO, U. S. A.

Copyright, 1906, by
FREDERICK J. DRAKE & COMPANY
Chicago

PREFACE

The more one becomes familiar with the buildings which have been erected in California of late years, the more one comes to appreciate the architectural value for its own purpose of the California bungalow. It is not too much to say that these bungalows are on the whole the best type of cheap frame house which has been erected in large numbers in this country since the old New England farmhouse went out of fashion. It is, as a rule, a long, low, one or two-story building, with a conspicuous roof, over-hanging eaves and an inclosed porch. It fits snugly on the ground, it is generally well scaled with the surrounding shrubbery and trees, and its lines and the distribution of its openings are for the most part agreeable to the eye. The outer shell is usually covered either with shingles of the same size as those used in the East or with the larger shingles which Californians call "shakes"; but the redwood shingles and shakes used on the coast have a pleasanter and warmer coloring than cedar shingles, whether stained or not. Sometimes clap-boarding is used, and often with considerable success; the wide spacing of the clap-boards which one sees and likes on the old California ranch houses has been frequently transferred to the modern bungalows. There is nothing either affected or insincere about these little houses. They are neither consciously artistic nor consciously

rustic. They are the simple and unconscious expression of the needs of their owners, and as such they can be credited with the best kind of architectural propriety.

Nothing, indeed, could be more flimsy than their method of construction. Their owners rarely indulge in the luxury of a foundation, and when a foundation is provided the stones are as often as not laid directly upon the grass. Generally, however, it is the sills, and not the stones, which are placed with mathematical precision on the turf, and throughout the structure the timbers are made as light as possible for a one or two-story building. Higher than two stories they do not soar. Whether or not a bungalow is plastered on the inside will depend upon the purpose for which the particular house is used. If it is situated in a suburb and is the permanent residence of its owner, it will generally be plastered; whereas, if it is situated in the country and is only occasionally occupied, a sheathing of redwood is usually considered sufficient. On the whole, these little houses often look light enough to be blown away and fragile enough to be demolished by a few stout blows of a club; but it must be remembered that such flimsy methods of construction have the practical merit of being very cheap. A California bungalow will cost anywhere from a few hundred to a few thousand dollars, and there is no economic reason why any California family, save those who are actually poverty-stricken, should not be able to own some kind of good-looking little "shack."

The cheapness of these houses is, of course, the direct result of their flimsiness of construction, and both are conditioned on the mildness and for the greater part of the year the dryness of the California climate. In the East even the cheapest house, except when it is occupied only for a couple of months in the summer time, requires a cellar and a comparatively substantial foundation and as this foundation is one of the chief sources of expense the tendency is to make it cover as small an area as possible and to build over it a comparatively high square box of a house. The necessity also of providing a roof with a slope sharp enough to shed the snow readily tends to make our cheaper Eastern and Middle Western house a stiff, angular little building, which is rather perched upon the site than fitted tightly to it. One sees plenty of such houses in California, too, but they are not typical. When foundations and cellars are not indispensable, it is as cheap to build a low as it is to build a high house, and such houses in the dry California climate will have at least as long a life as the more substantially constructed houses in the East. It is customary also in California to dispense with much of the interior finish which in other parts of the country is considered necessary to the adornment of the house even of a mechanic. If the California bungalow is plastered, the millwork which is added is of the simplest character, and generally follows the straight lines of the Mission furniture; while, if the house is not plastered, still cheaper and even better results are

frequently obtained by the use of redwood sheathing. In short, the Californian has the advantage over the residents of many other parts of the country, both of happier climatic conditions and of a less sophisticated architectural tradition.

With San Francisco and some of the other cities in mind, it may sound extravagant to say that Californians have any advantage of any kind in the way of an architectural tradition. Assuredly, the old wooden dwelling in San Francisco was the worst type of residence ever built in large numbers in any city in the world. It possessed, we believe, every known and conceivable architectural demerit, and the city in which these sinful disorders were committed can never be completely reformed save by a sort of architectural vigilance committee. But it must be remembered that the economic conditions which work in favor of country houses that are cheap and good have tended to produce city houses which are cheap and bad. California is only beginning to reach a condition of economic stability which prompts its inhabitants to undertake serious architectural and building enterprises. Under the rapidly fluctuating industrial conditions which prevailed for a longer time and to a greater degree in California than anywhere else in the country, the inhabitants of a large city like San Francisco were disadvantageously situated, compared to their neighbors in the country. Urban life was under such circumstances more than usually artificial. Life in the country was the real thing. Californians undoubtedly

enjoy country life more thoroughly, more simply and more continuously than do the inhabitants of any other State in the American Union, and it is not strange, consequently, that their country houses unconsciously perpetuated some of the better elements in the traditional California method of building country houses.

For, of course, California started on its architectural career with a comparatively good tradition of domestic design. And by this good tradition we do not, of course, mean the forms which were embodied in the old Missions, which, for the most part, are not adapted to dwellings at all. We mean, in general, the tradition embodied in the old adobe buildings, with their long, low, pleasant lines, their overhanging eaves, their inclosed porches and their restful expanses of plastered wall. It was this sort of house which the early Californian constructed, and the tradition that this is a good kind of house to build has fortunately never been stifled. The early American rancher would not, of course, use anything so expensive as plaster as long as lumber was cheap, but he usually followed the lines of the earlier California house, and his successor has continued to do much the same until the present day. Sometimes, indeed, one comes across the houses of richer ranchers, whose owners have been able to afford something architecturally striking, and who have consequently succeeded only in getting the same tedious, restless sort of frame house to which we are accustomed in the East; but fortunately such cases are rare. The Californian, when left to himself, does not

know any better than to want something which happens to be good.

It is only recently that Californians have been building country houses for pleasure as well as for use. These pleasure houses, when they are expensive and designed by the better architects, do not differ essentially in their good and bad traits from the houses which are being erected under similar conditions elsewhere in the country. But the little bungalows of which we are speaking are rarely designed by architects at all. They are too inexpensive for that. They are the expression of what the ordinary Californian seems instinctively to like in the way of a house, and they are the sort of thing that the ordinary California country carpenter knows how to build. They are not the result of architectural instruction and selective taste; they are the result of a popular tradition which has not yet become sophisticated and which is aided by certain fortunate economic traditions. That Californians are building such a house in such a way is, we believe, a fortunate thing for them, because it means that these little bungalows are a genuine expression of popular and wholesome habits of country life and habits of country building, and the architects who design more costly and pretentious buildings, should do their best to reinforce rather than to destroy this tradition and practice.

INDEX

No.	Cost	Blue Prints and Specifications	No.	Cost	Blue Prints and Specifications
2001	$ 700.00	$ 5.00	2044	1,750.00	7.00
2002	1,205.00	8.00	2045	1,800.00	8.00
2003	850.00	5.00	2046	1,750.00	8.00
2004	650.00	5.00	2047	1,800.00	8.00
2005	900.00	5.00	2048	1,900.00	8.00
2006	1,100.00	6.00	2049	2,000.00	10.00
2007	925.00	5.00	2050	1,700.00	7.00
2008	1,900.00	8.00	2051	2,500.00	15.00
2009	900 00	5.00	2052	700.00	5.00
2010	1,000.00	5.00	2053	1,250.00	7.00
2011	1,000.00	7.00	2054	2,800.00	15.00
2012	900.00	5.00	2055	1,500.00	7.00
2013	1,700.00	7.00	2056	1,250.00	8.00
2014	2,000.00	10.00	2057	900.00	5.00
2015	1,750.00	8.00	2058	3,000.00	15 00
2016	2,000.00	10.00	2059	1,600.00	8.00
2017	1,750.00	8.00	2060	520.00	5.00
2018	1,850.00	8.00	2061	1,320.00	7.00
2019	1,700.00	8.00	2062	2,600.00	15.00
2020	1,800.00	8.00	2063	1,100.00	6.00
2021	1,900.09	8.00	2064	725.00	5.00
2022	2,000.00	8.00	2065	2,300.00	10.00
2023	1,800.00	8.00	2066	1,150.00	6.00
2024	1,700.00	8.00	2067	1,050.00	6.00
2025	2,000.00	10.00	2068	350.00	5.00
2026	1,700.00	8.00	2069	2,110.00	10.00
2027	1,800.00	8.00	2070	420.00	5.00
2028	1,700.00	7.00	2071	3,800.00	25.00
2029	2,000.00	10.00	2072	4,500.00	30.00
2030	2,050.00	10.00	2073	1,100.00	6.00
2031	1,800.00	8.00	2074	2,250.00	10.00
2032	1,675.00	7.00	2075	1,720.00	7.00
2033	1,800.00	8.00	2076	900.00	5.00
2034	1,750.00	8.00	2077	2,200.00	10.00
2035	1,700.00	8.00	2078	675.00	5.00
2036	1,800.00	8.00	2079	1,910.00	10.00
2037	1,900.00	8.00	2080	1,585.00	7.00
2038	1,800.00	8.00	2081	750.00	5.00
2039	2,000.00	10.00	2082	1,100.00	6.00
2040	1,750.00	8.00	2083	475.00	5.00
2041	1,800.00	8.00	2084	725.00	5.00
2042	1,750.00	8.00	2085	700.00	5.00
2043	1,700.00	8.00	2086	750.00	5.00

INDEX

No.	Cost	Blue Prints and Specifications	No.	Cost	Blue Prints and Specifications
2087	510.00	5.00	2102	1,650.00	7.00
2088	450.00	5.00	2103	1,800.00	8.00
2089	1,500.00	7.00	2104	1,800.00	8.00
2090	1,250.00	6.00	2105	1,800.00	8.00
2091	1,100.00	5.00	2106	1,750.00	8.00
2092	2,400.00	15.00	2107	1,850.00	8.00
2093	1,800.00	8.00	2108	1,750.00	8.00
2094	1,700.00	8.00	2109	1,850.00	8.00
2095	1,700.00	7.00	2110	1,900.00	8.00
2096	1,700.00	7.00	2111	1,750.00	8.00
2097	1,800.00	8.00	2112	1,800.00	8.00
2098	1,700.00	7.00	2113	1,700.00	7.00
2099	1,900.00	10.00	2114	2,000.00	10.00
2100	1,800.00	8.00	2115	1,700.00	7.00
2101	1,700.00	7.00			

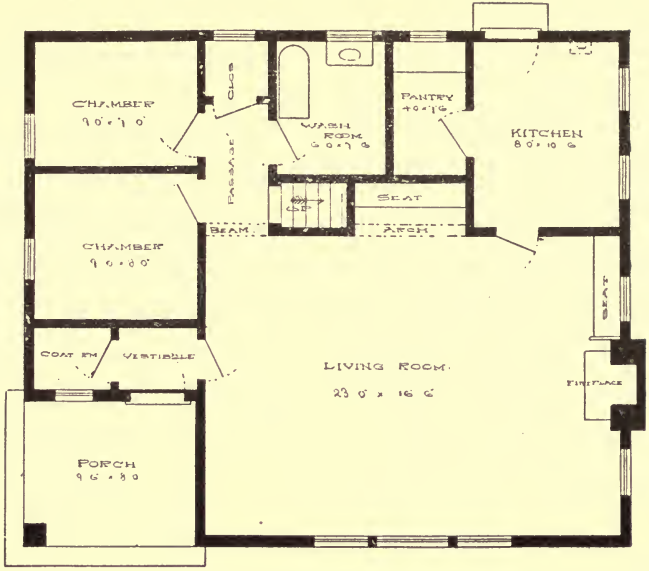
THE PLAN BOOK

Bungalow Design No. 2001

Price of Plans and Specifications $5.00

Full and complete working plans and specifications will be furnished for $5.00.
Cost of this bungalow is about $700, according to the locality in which it is built.

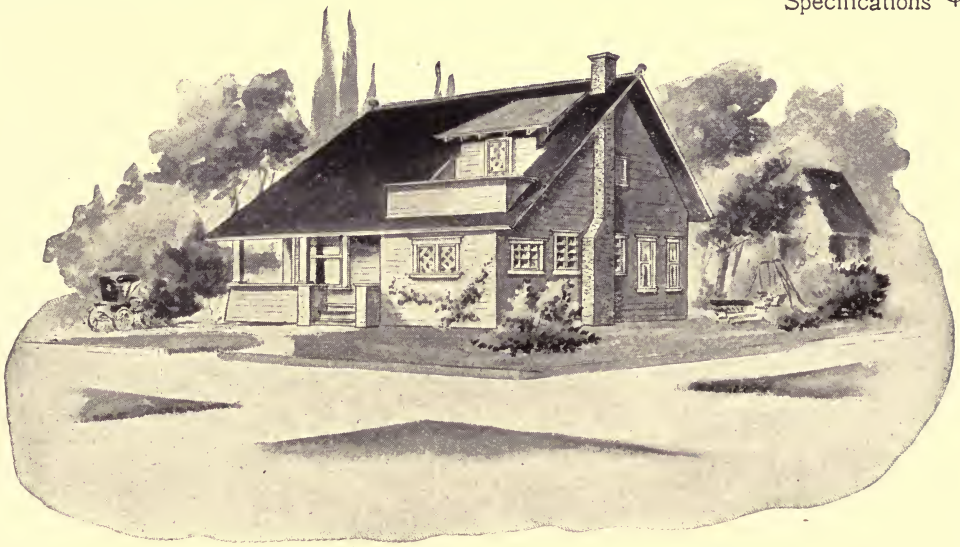
Floor Plan of No. 2001



Blue prints consist of cellar and foundation plans; floor plan; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

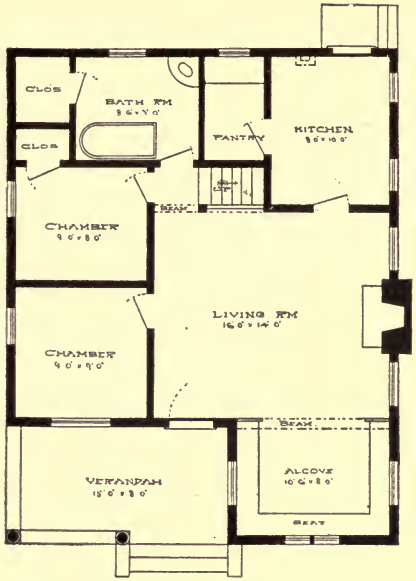
Bungalow Design No. 2002

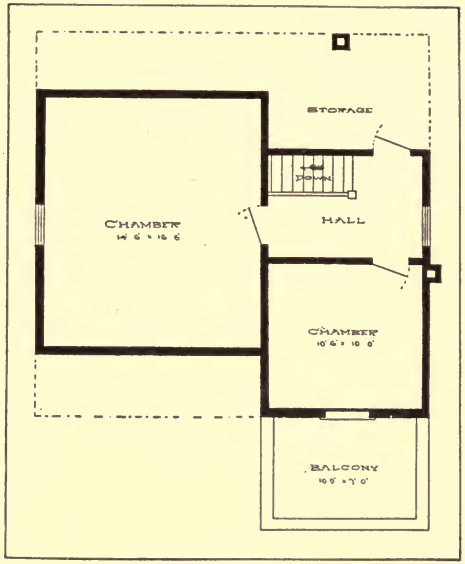
Price of Plans and Specifications $8.00



Full and complete working plans and specifications will be furnished for $8.00.
Cost of this bungalow is about $1,250, according to the locality in which it is built.

Floor Plans of No. 2002





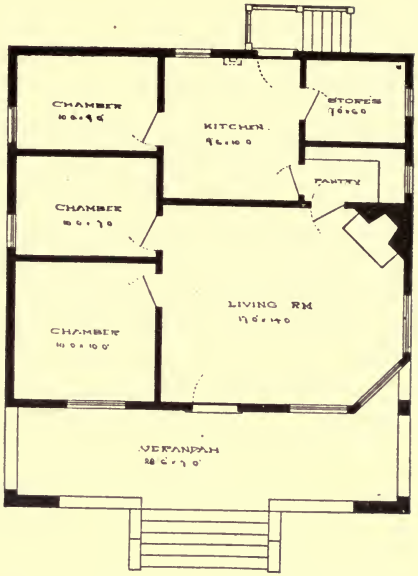
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

Bungalow Design No. 2003

Price of Plans and Specifications **$5.00**

Full and complete working plans and specifications will be furnished for $5.00.
Cost of this bungalow is about $850, according to the locality in which it is built.

Floor Plan of No. 2003



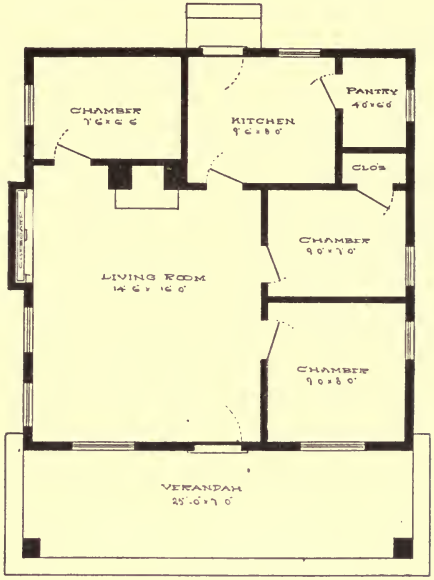
Blue prints consist of floor plan; front and side elevations. Complete typewritten specifications with each set of plans.

Bungalow Design No. 2004

Price of Plans and Specifications $5.00

Full and complete working plans and specifications will be furnished for $5.00.
Cost of this bungalow is about $650, according to the locality in which it is built.

Floor Plan of No. 2004



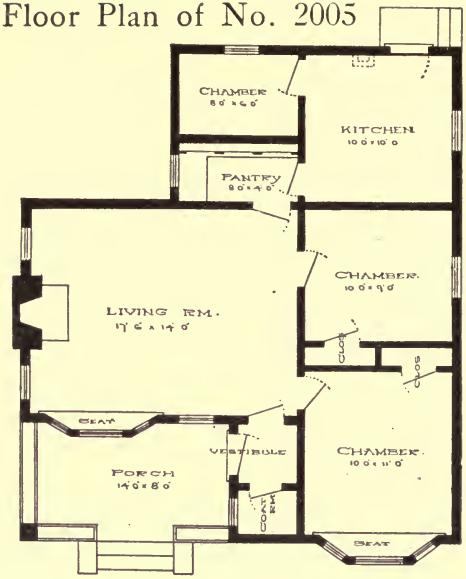
Blue prints consist of cellar and foundation plans; floor plan; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

Bungalow Design No. 2005

Price of Plans and Specifications $5.00

Full and complete working plans and specifications will be furnished for $5.00.
Cost of this bungalow is about $900, according to the locality in which it is built.

Floor Plan of No. 2005



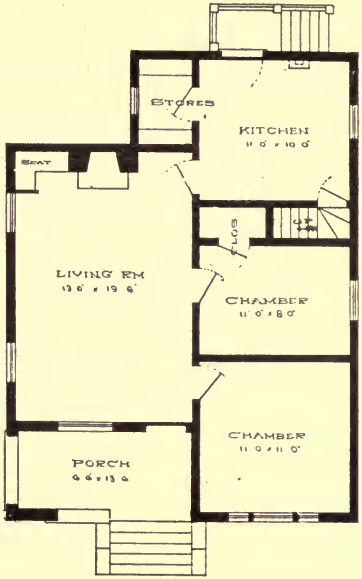
Blue prints consist of cellar and foundation plans; floor plan; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

Bungalow Design No. 2006

Price of Plans and Specifications $6.00

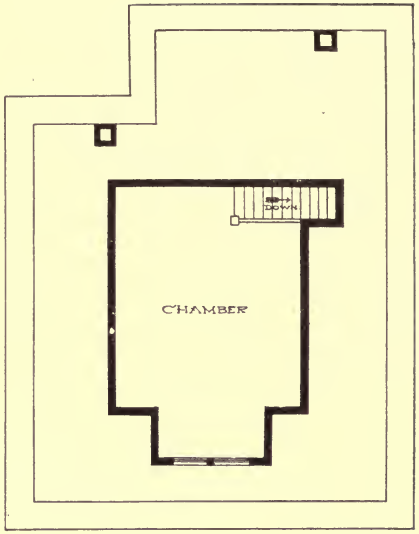
Full and complete working plans and specifications will be furnished for $6.00.
Cost of this bungalow is about $1,100, according to the locality in which it is built.

Floor Plans of No. 2006



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

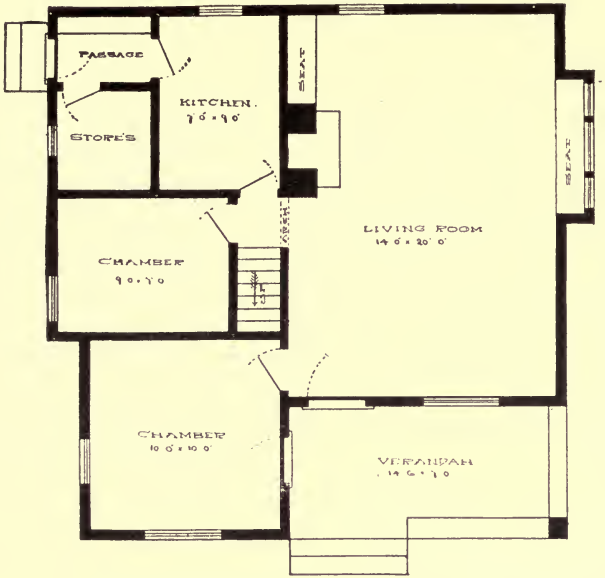


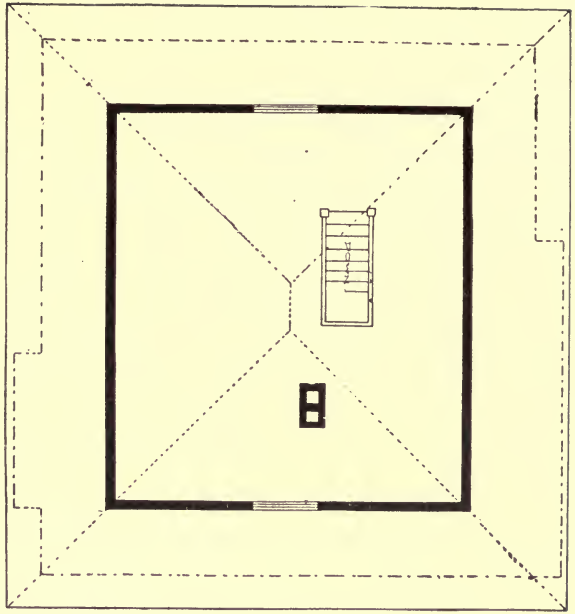
Bungalow Design No. 2007

Price of Plans and Specifications **$5.00**

Full and complete plans and specifications will be furnished for $5.00.
Cost of this bungalow is about $925, according to the locality in which it is built.

Floor Plans of No. 2007





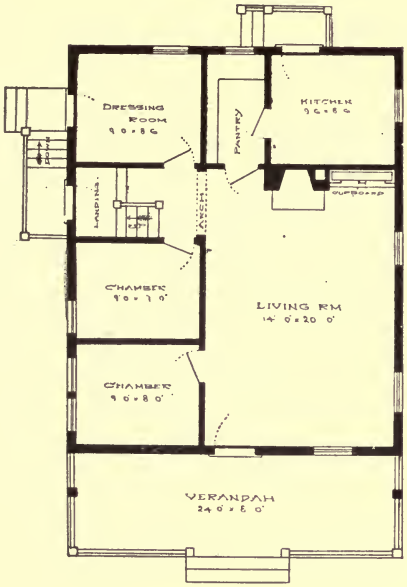
Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations. Complete typewritten specifications with each set of plans.

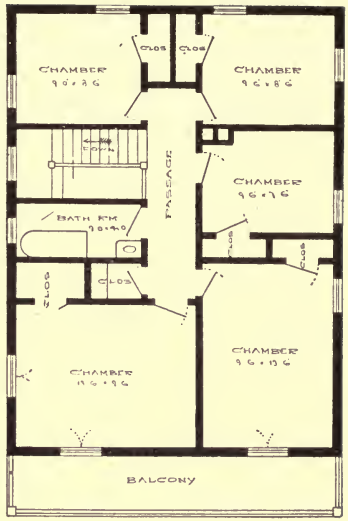
Bungalow Design No. 2008

Price of Plans and Specifications $8.00

Full and complete working plans and specifications will be furnished for $8.00,
Cost of this bungalow is about $1,900, according to the locality in which it is built.

Floor Plans of No. 2008





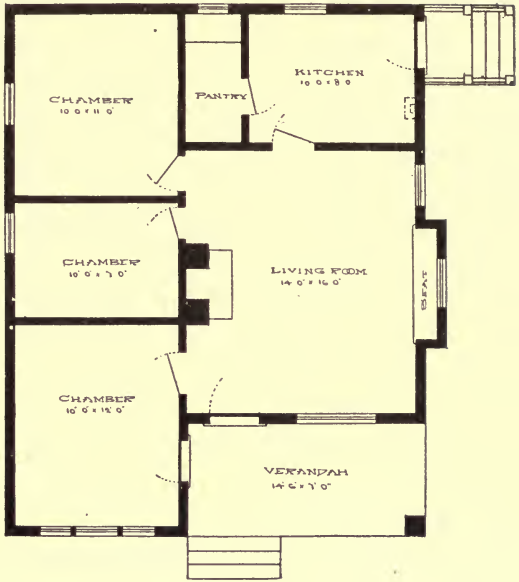
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

Bungalow Design No. 2009

Price of Plans and Specifications **$5.00**

Full and complete working plans and specifications will be furnished for $5.00.
Cost of this bungalow is about $900, according to the locality in which it is built.

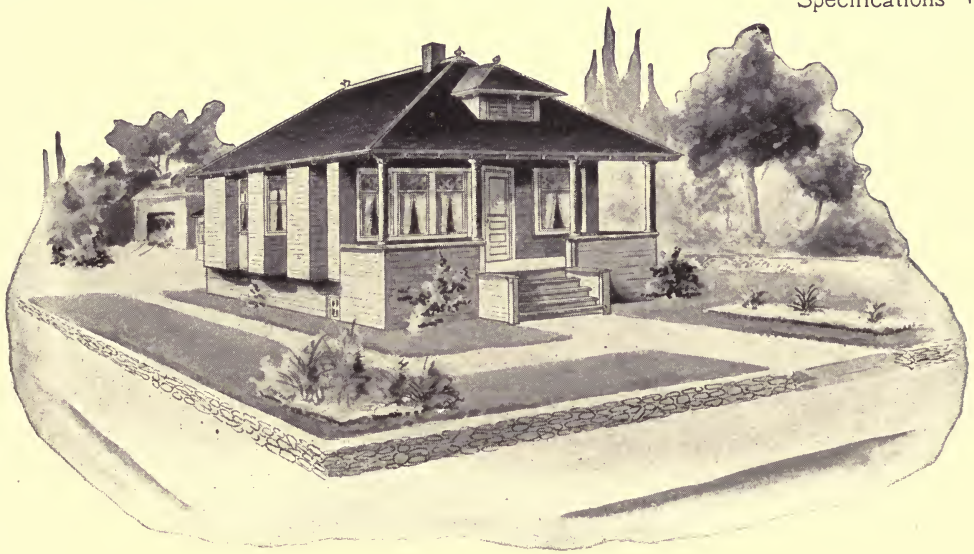
Floor Plan of No. 2009



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

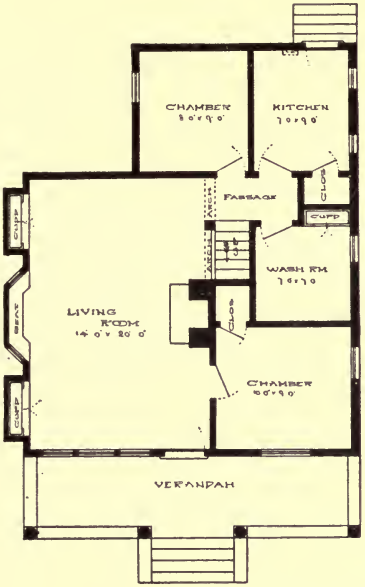
Bungalow Design No. 2010

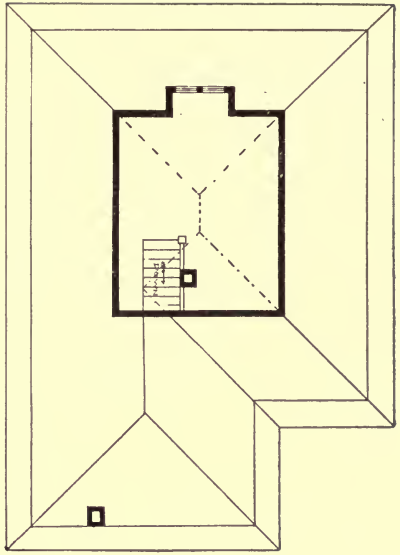
Price of Plans and Specifications **$5.00**



Full and complete working plans and specifications will be furnished for $5.00.
Cost of this bungalow is about $1,000, according to the locality in which it is built.

Floor Plans of No. 2010





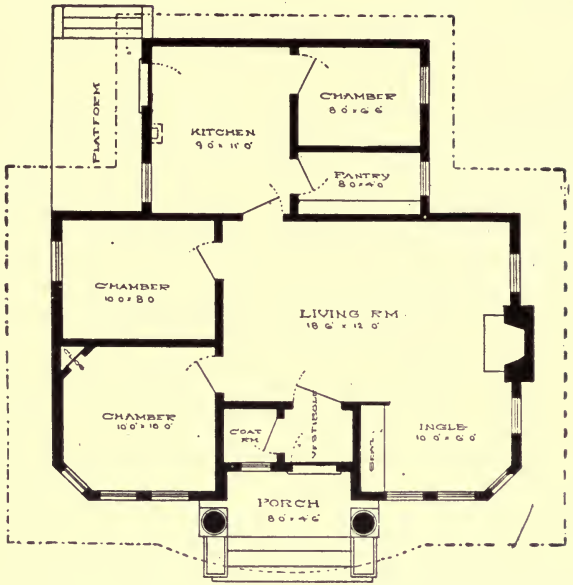
Blue prints consist of floor plans; roof plan; front and side elevations.
Complete typewritten specifications with each set of plans.

Bungalow Design No. 2011

Price of Plans and Specifications **$7.00**

Full and complete working plans and specifications will be furnished for $7.00.
Cost of this bungalow is about $1,000, according to the locality in which it is built.

Floor Plan of No. 2011



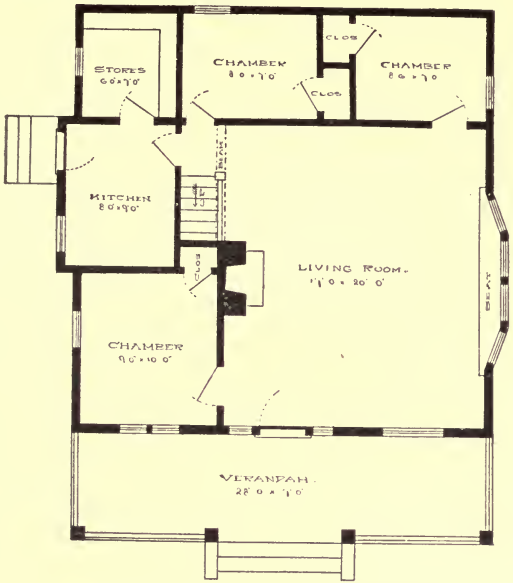
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

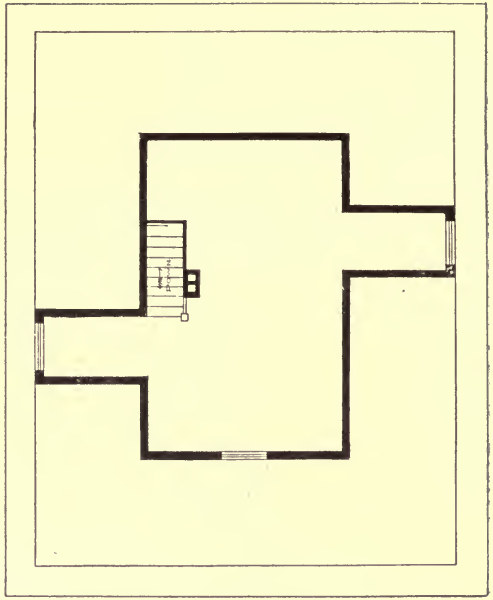
Bungalow Design No. 2012

Price of Plans and Specifications **$5.00**

Full and complete working plans and specifications will be furnished for $5.00.
Cost of this bungalow is about $900, according to the locality in which it is built.

Floor Plans of No. 2012

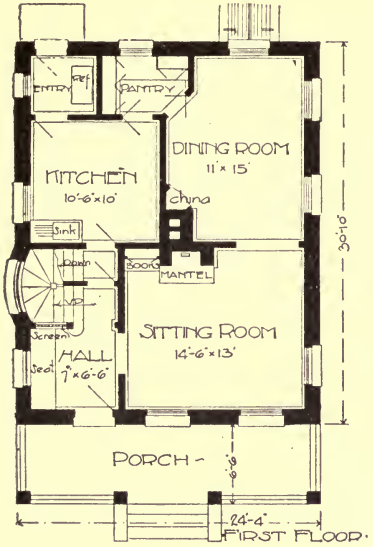




Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

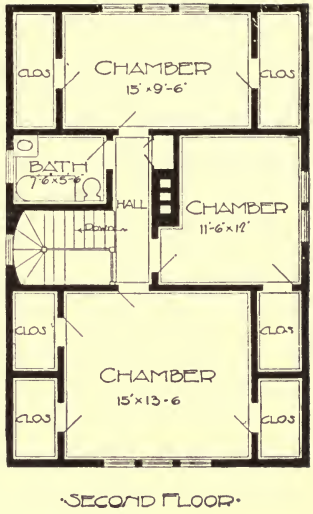
House Design No. 2013

Floor Plans of No. 2013



SIZE:

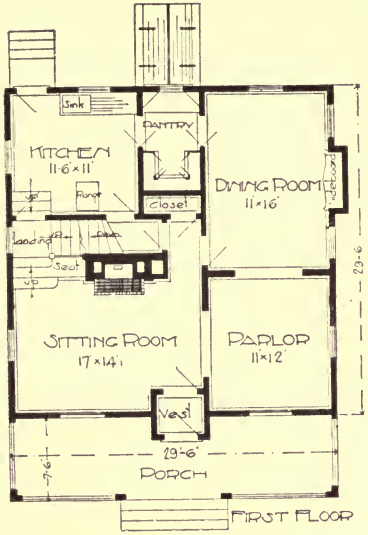
Width, 24 feet 4 inches
Length, 30 feet 10 inches



Blue prints consist of ce'lar and foundation plans; floor plans; roof plan; front and side elevations.
Complete typewritten specifications with each set of plans.

House Design No. 2014

Floor Plans of No. 2014

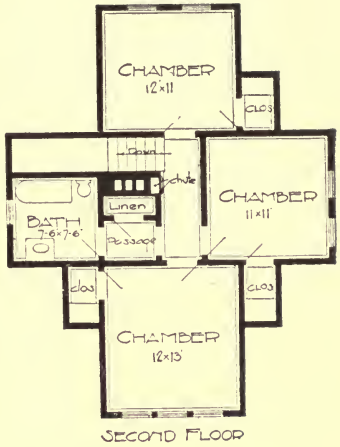


SIZE:

Width, 29 feet
6 inches
Length, 29 feet
6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

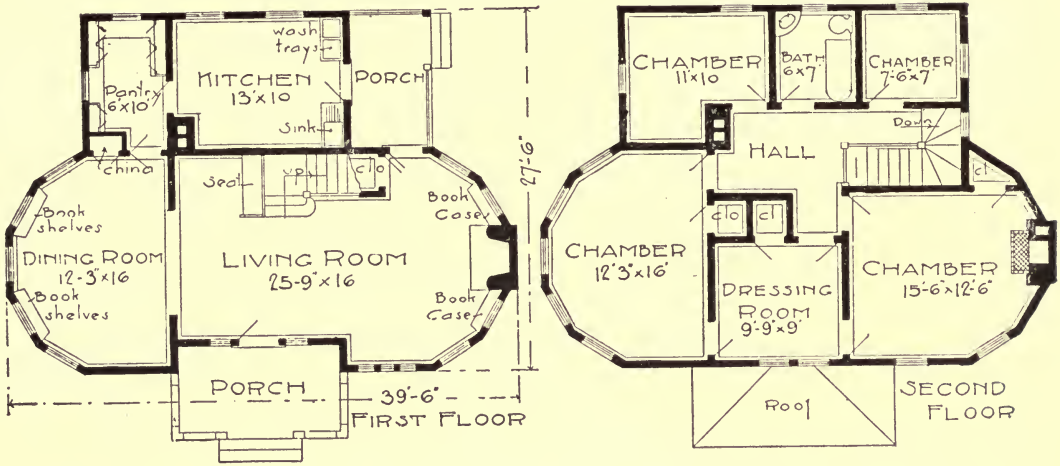


House Design No. 2015

Floor Plans of No. 2015

SIZE:

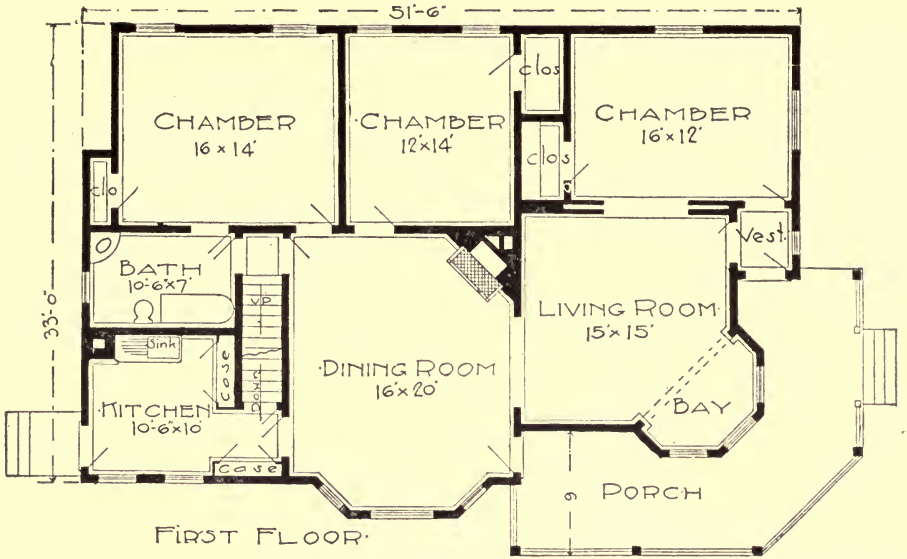
Width, 39 feet 6 inches. Length, 27 feet 6 inches.



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2016

Floor Plans of No. 2016



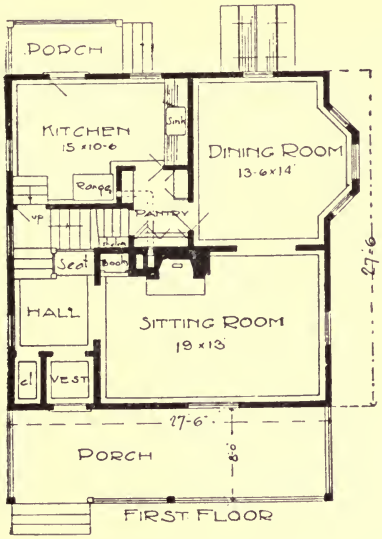
SIZE:

Width, 33 feet
Length, 51 feet
6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2017

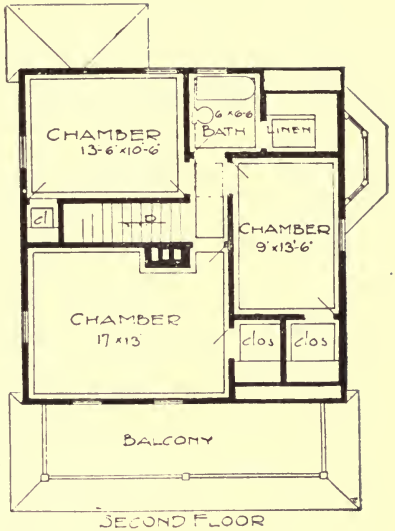
Floor Plans of No. 2017



SIZE:

Width, 27 feet
6 inches

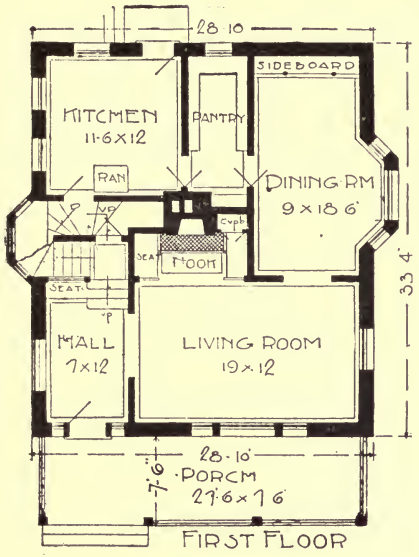
Length, 27 feet
6 inches



Blue prints consist of cellar and foundation plans; floor plans; front and side elevations.
Complete typewritten specifications with each set of plans.

House Design No. 2018

Floor Plans of No. 2018

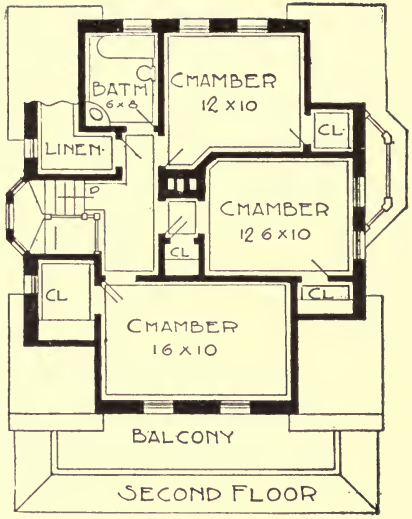


SIZE:

Width, 28 feet 10 inches
Length, 33 feet 4 inches

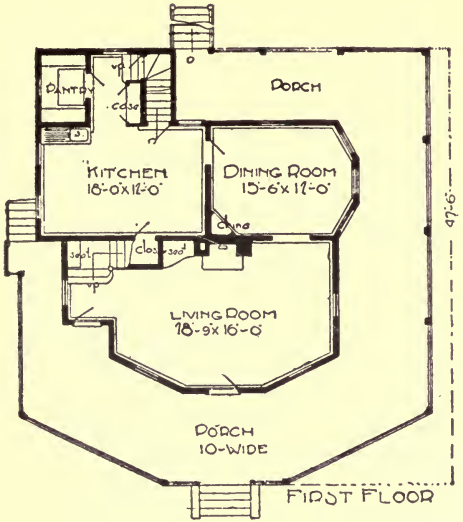
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.



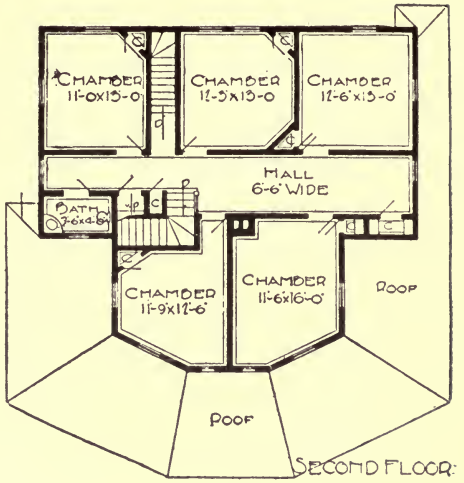
House Design No. 2019

Floor Plans of No. 2019



SIZE:

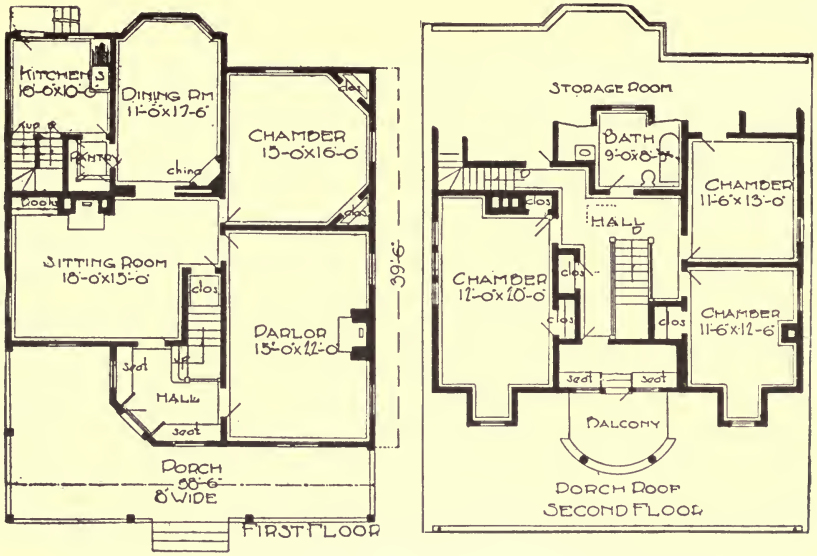
Width, 45 feet
Length, 47 feet
6 inches



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

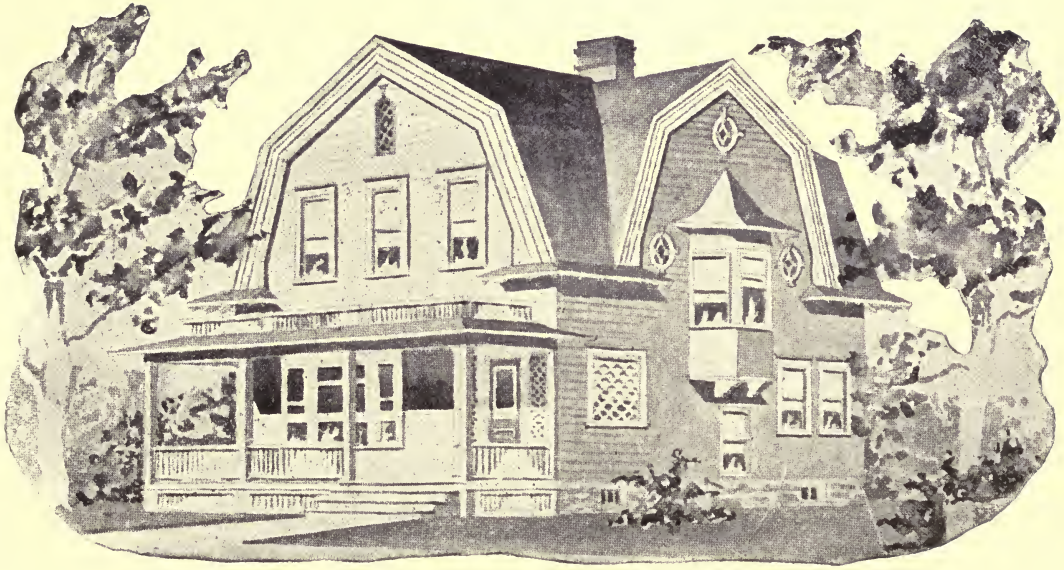
House Design No. 2020

Floor Plans of No. 2020



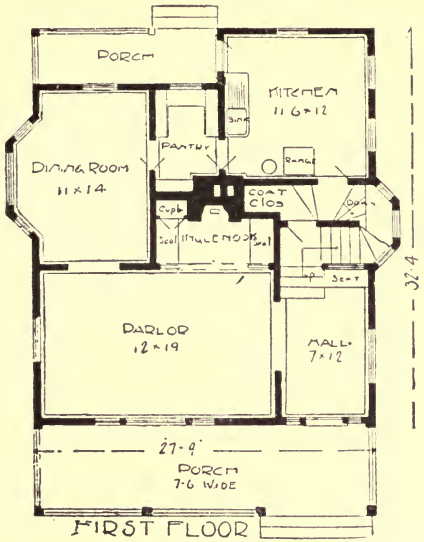
SIZE:
Width, 38 feet 6 inches
Length, 45 feet

Blue prints consist ot cellar and foundation plan; roof plan; floor plans; front and side elevations. Complete typewritten specifications with each set of plans.



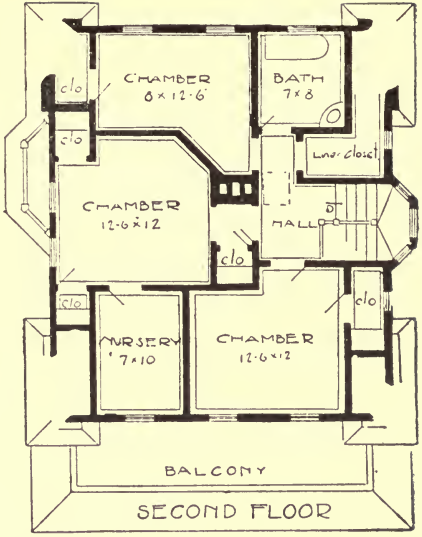
House Design No. 2021

Floor Plans of No. 2021

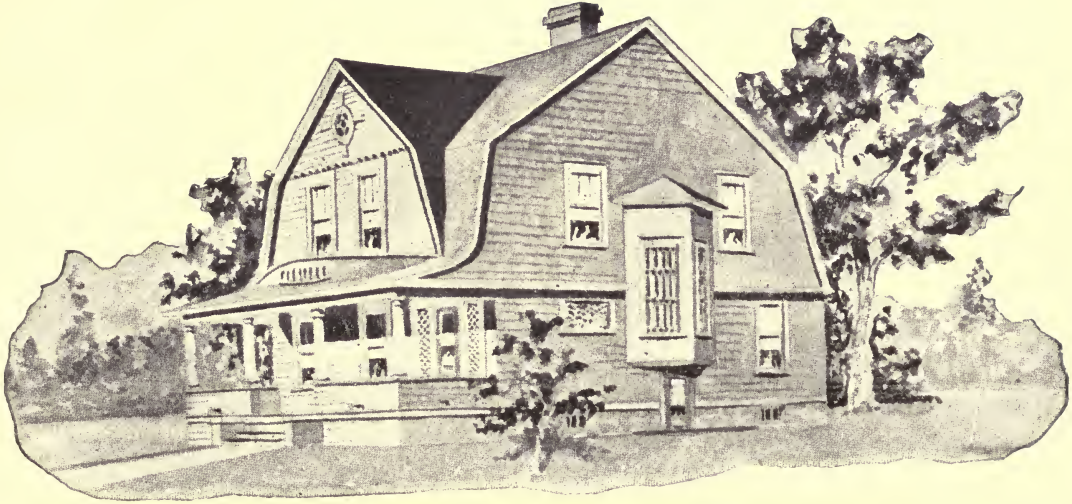


SIZE:

Width, 27 feet 9 inches
Length, 32 feet 4 inches

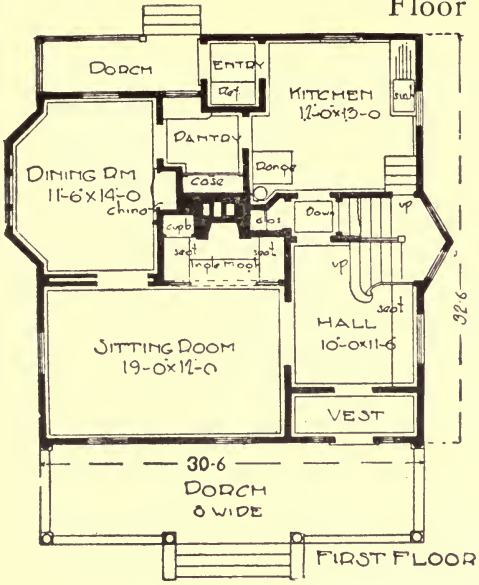


Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



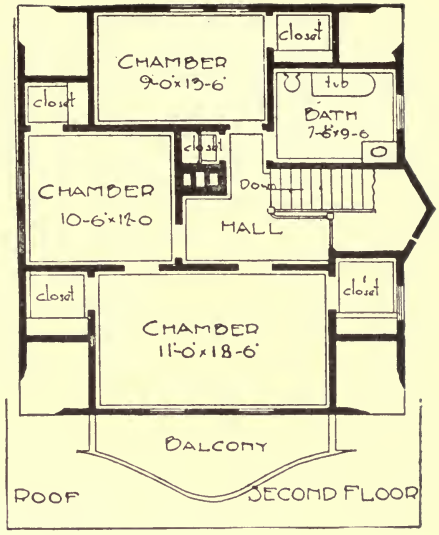
House Design No. 2022

Floor Plans of No. 2022

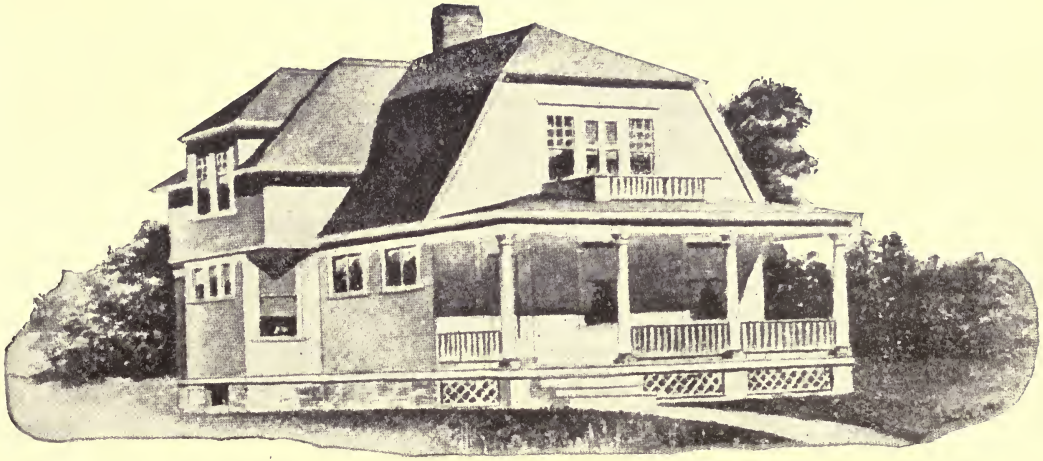


SIZE:

Width, 30 feet 6 inches
Length, 32 feet 6 inches

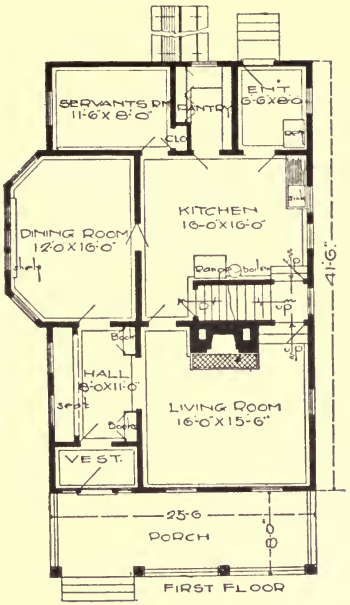


Blue prints consist of cellar and foundation plans; first and second floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



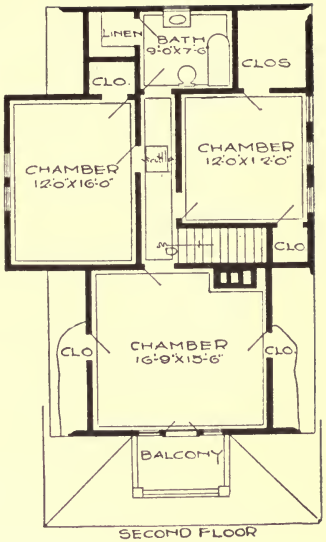
House Design No. 2023

Floor Plans of No. 2023



SIZE:

Width, 29 feet 6 inches
Length, 41 feet 6 inches

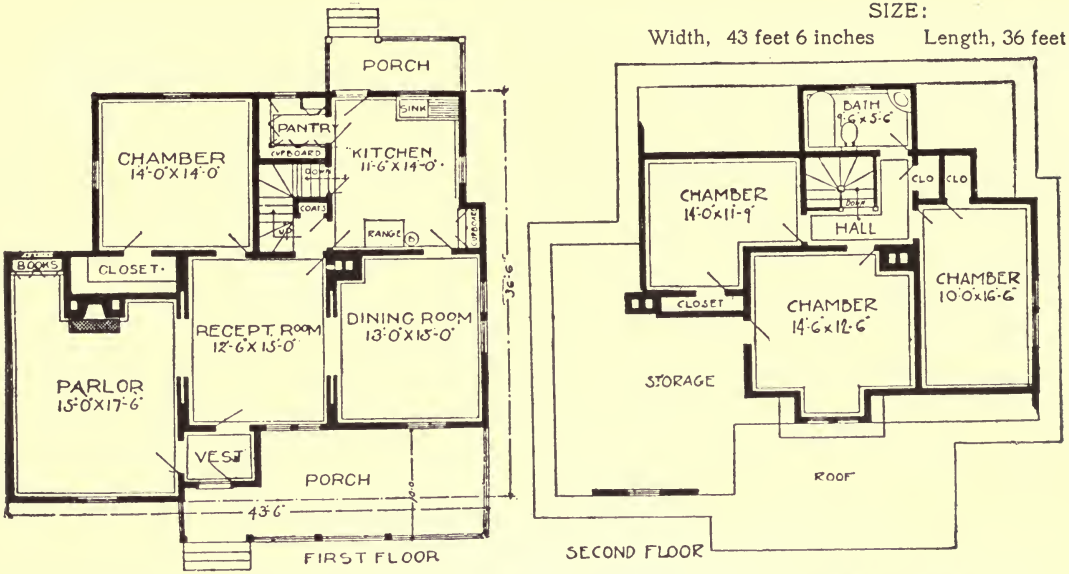


Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

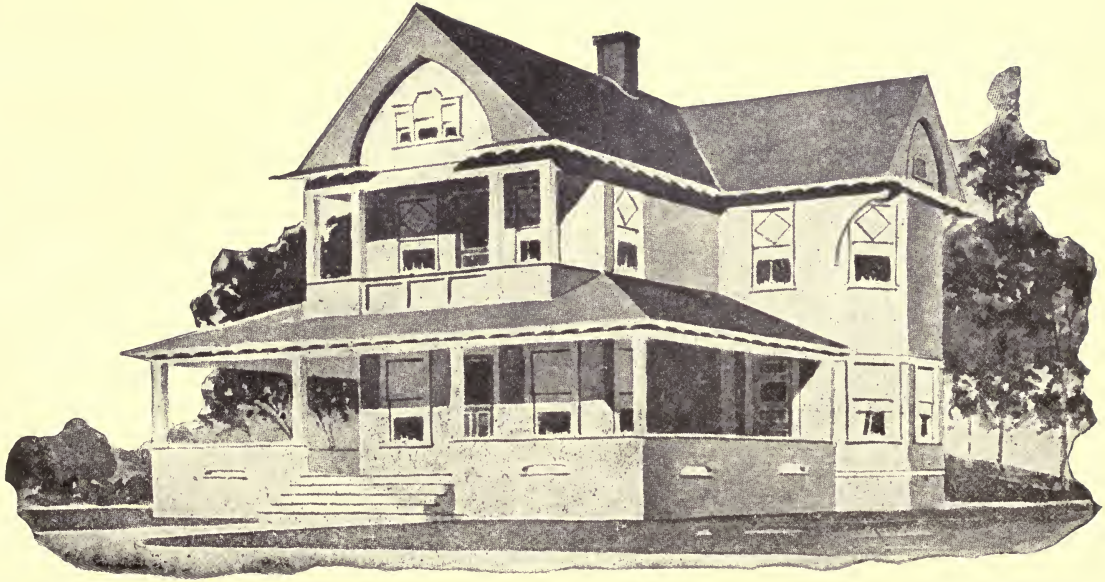
House Design No. 2024

Floor Plans of No. 2024

SIZE:
Width, 43 feet 6 inches Length, 36 feet 6 inches

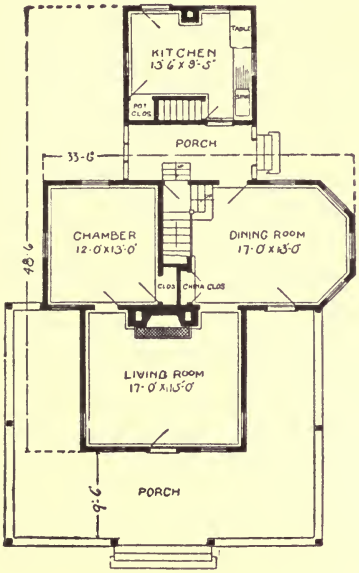


Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



House Design No. 2025

Floor Plans of No. 2025

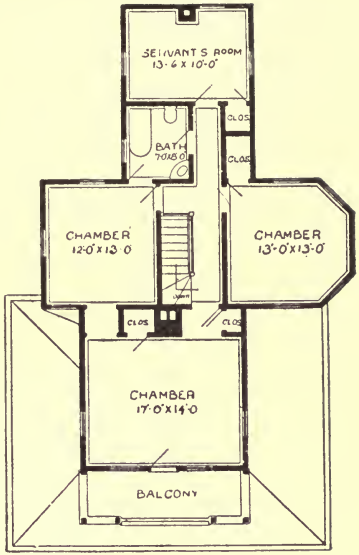


SIZE:

Width, 33 feet 6 inches
Length, 48 feet 6 inches

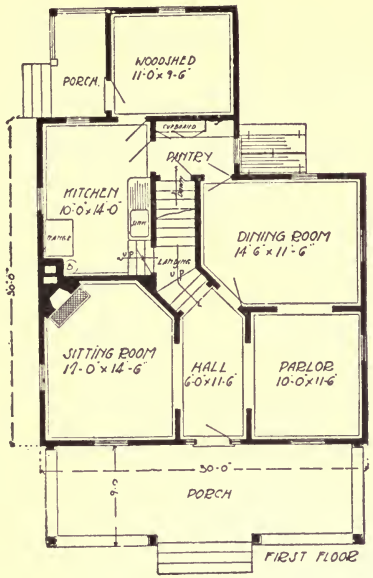
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.



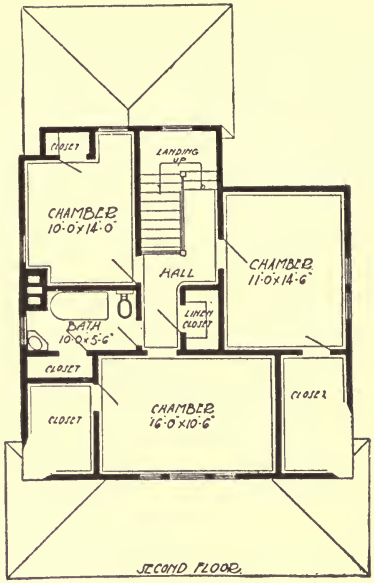
House Design No. 2026

Floor Plans of No. 2026



SIZE:

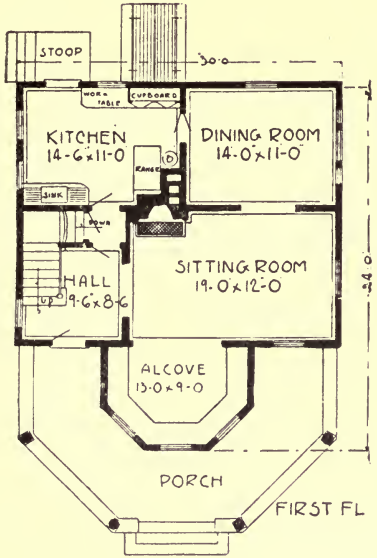
Width, 30 feet
Length, 30 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

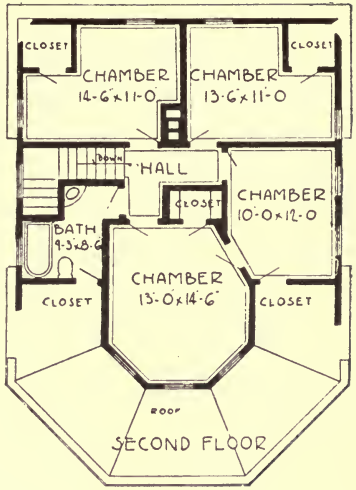
House Design No. 2027

Floor Plans of No. 2027

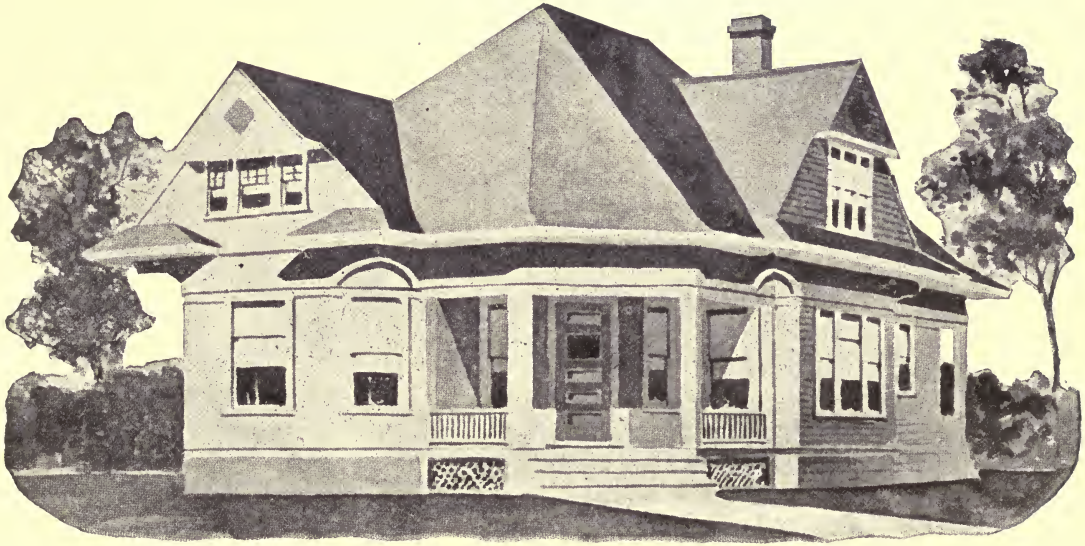


SIZE:

Width, 30 feet
Length, 34 feet



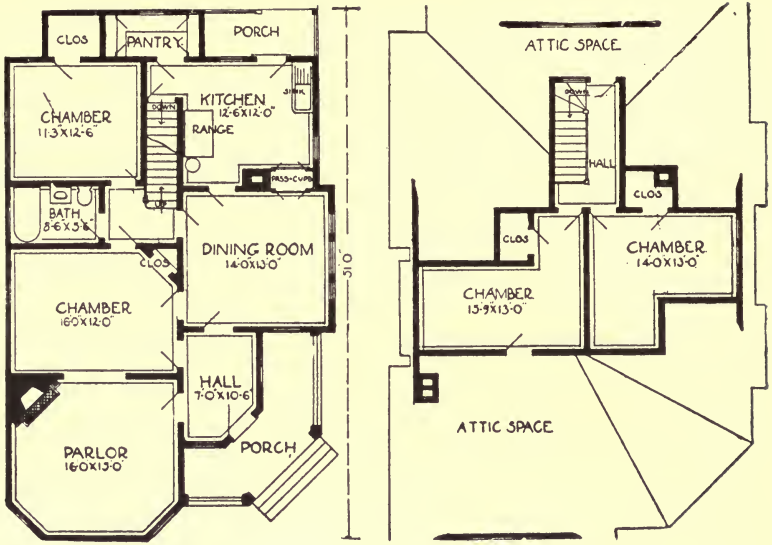
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



House Design No. 2028

Floor Plans of No. 2028

SIZE:
Width, 31 feet 6 inches
Length, 51 feet

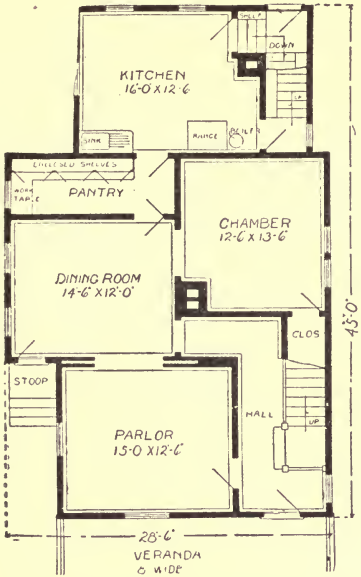


Blue prints consist of cellar and foundation plan; floor plans; roof plan; front and side elevation.

Complete typewritten specifications with each set of plans.

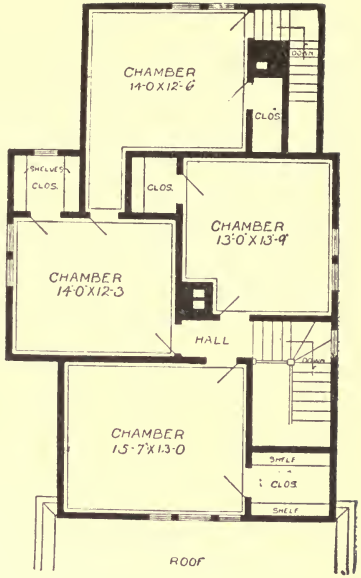
House Design No. 2029

Floor Plans of No. 2029



SIZE:

Width, 28 feet 6 inches
Length, 45 feet

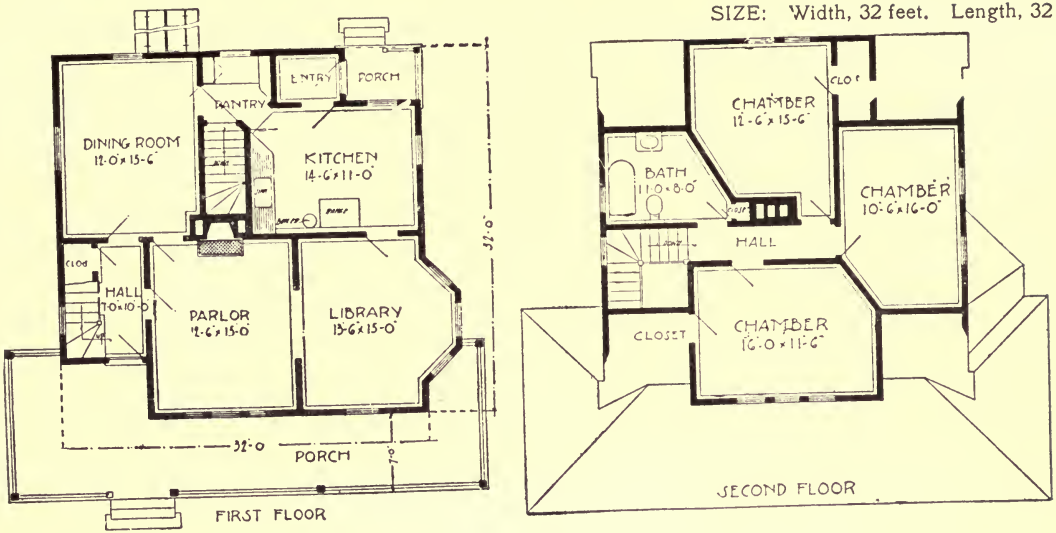


Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2030

Floor Plans of No. 2030

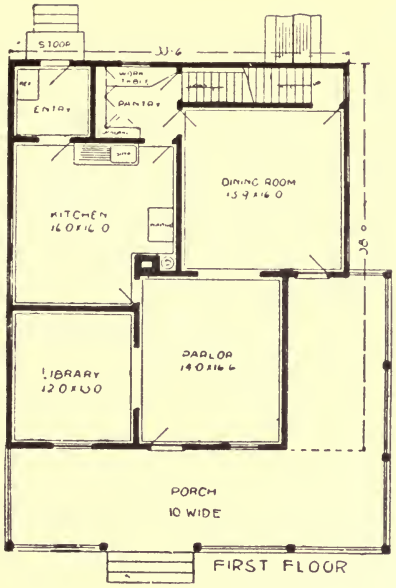
SIZE: Width, 32 feet. Length, 32 feet.



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

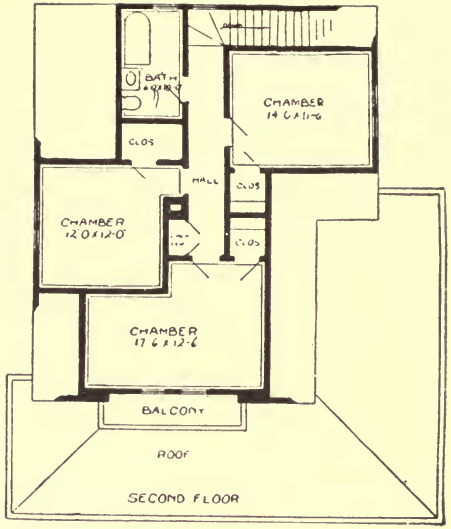
House Design No. 2031

Floor Plans of No. 2031



SIZE:

Width, 33 feet 6 inches
Length, 38 feet



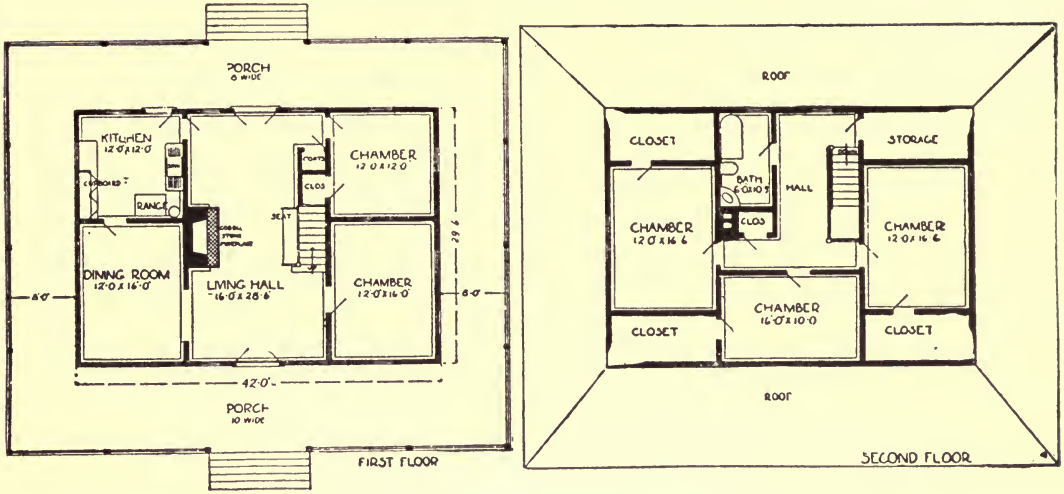
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2032

Floor Plans of No. 2032

SIZE:

Width, 42 feet. Length, 29 feet 6 inches



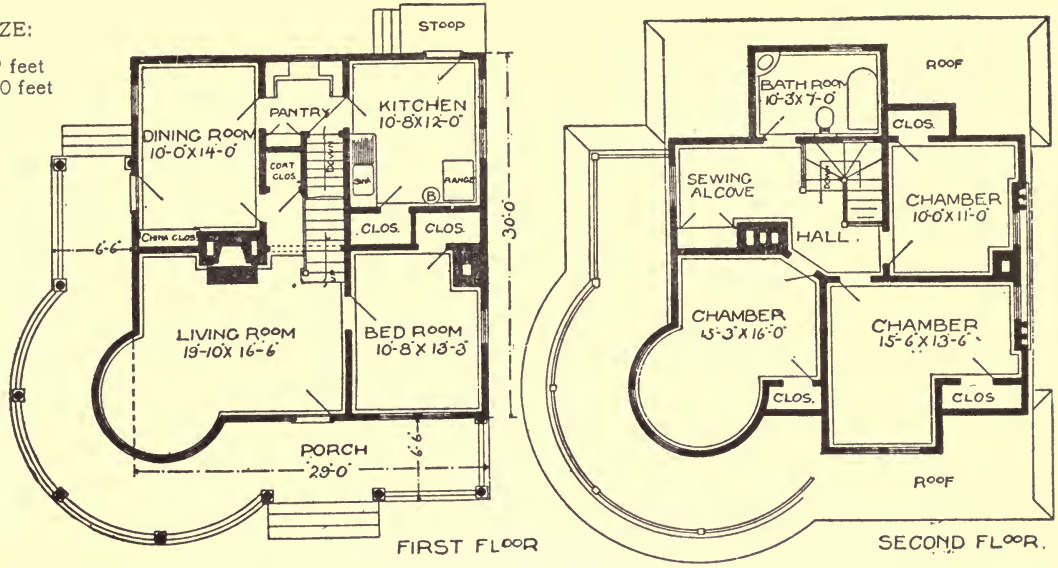
Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2033

Floor Plans of No. 2033

SIZE:

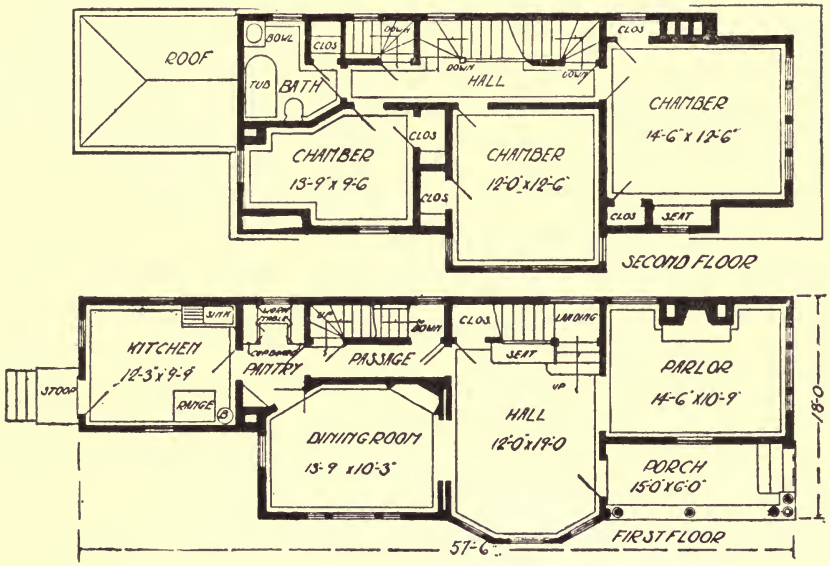
Width, 29 feet
Length, 30 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2034

Floor Plans of No. 2034



SIZE:

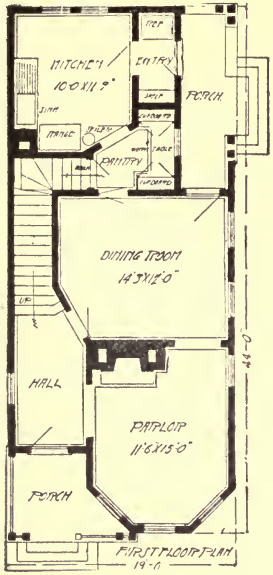
Width, 20 feet
Length, 57 feet 6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

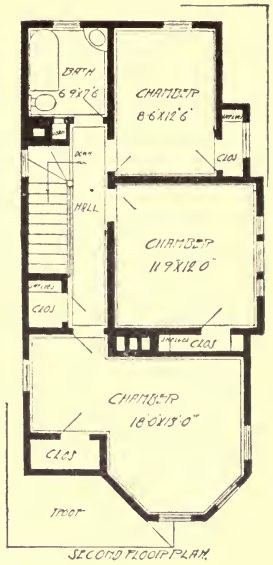
House Design No. 2035

Floor Plans of No. 2035



SIZE:

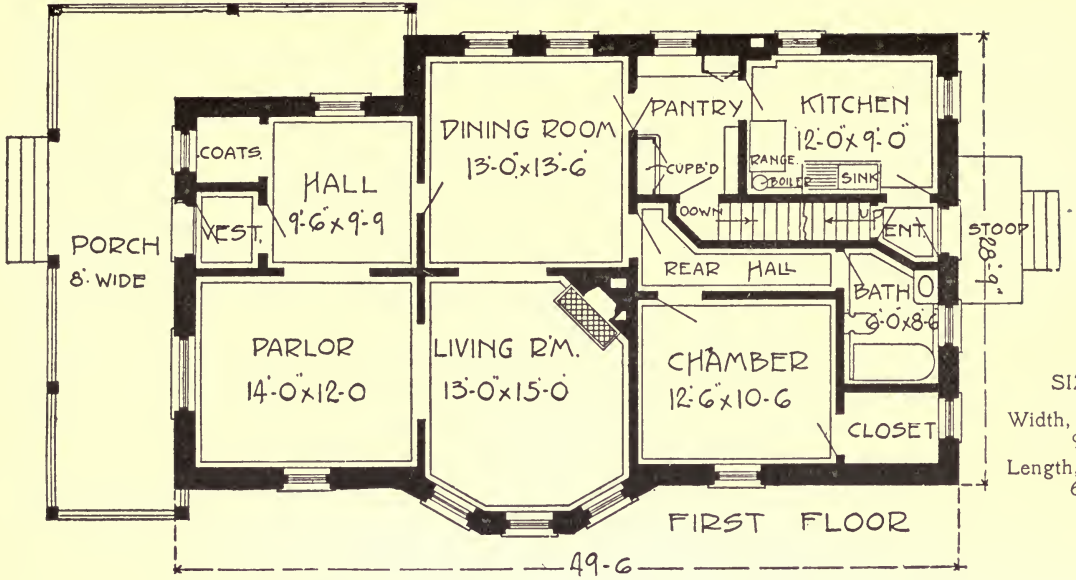
Width, 19 feet
Length, 44 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2036

Floor Plan of No. 2036



SIZE:

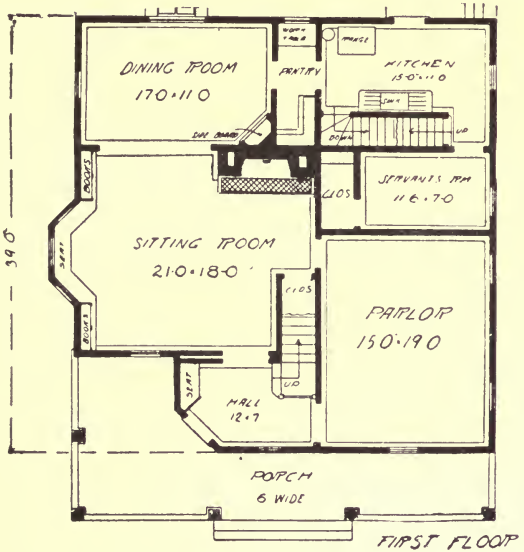
Width, 28 feet 9 inches

Length, 49 feet 6 inches

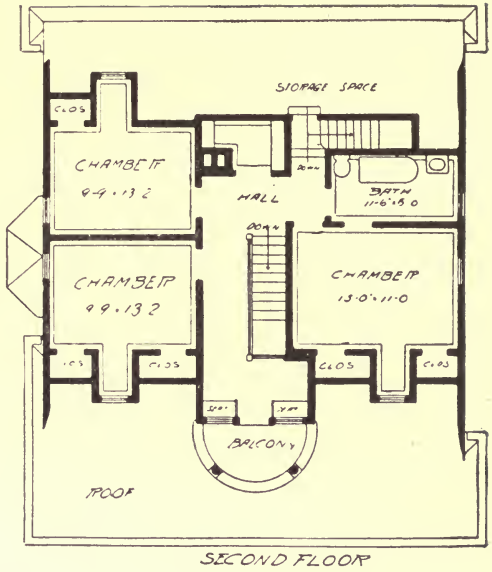
Blue prints consist of floor plan; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2037

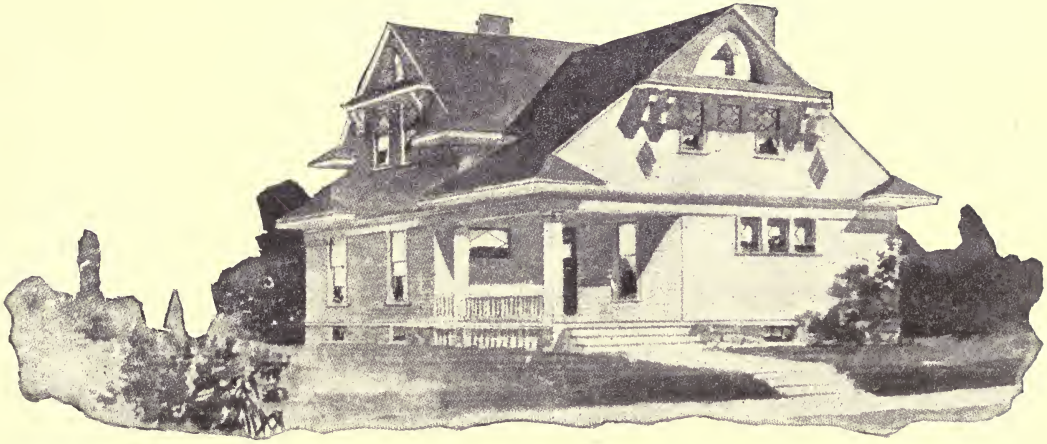
Floor Plans of No. 2037



SIZE:
Width, 37 feet 6 inches
Length, 39 feet

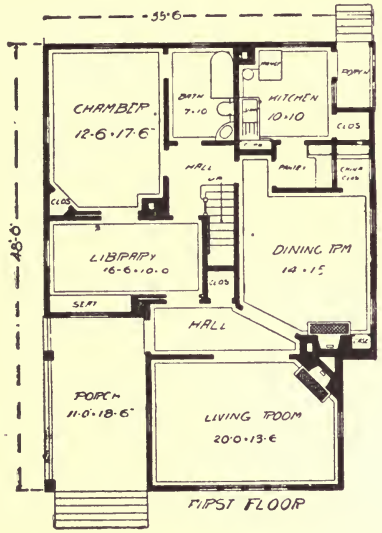


Blue prints consist of cellar and foundation plans: first and second floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



House Design No. 2038

Floor Plans of No. 2038



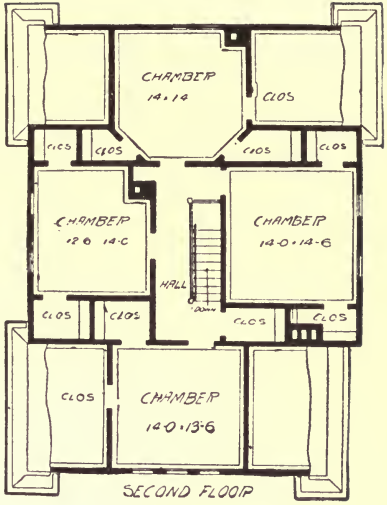
SIZE:

Width, 35 feet
6 inches

Length, 48 feet

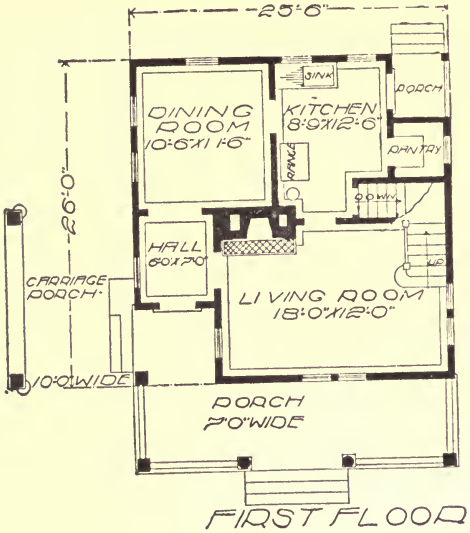
Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations.

Complete typewritten specifications with each set of plans.

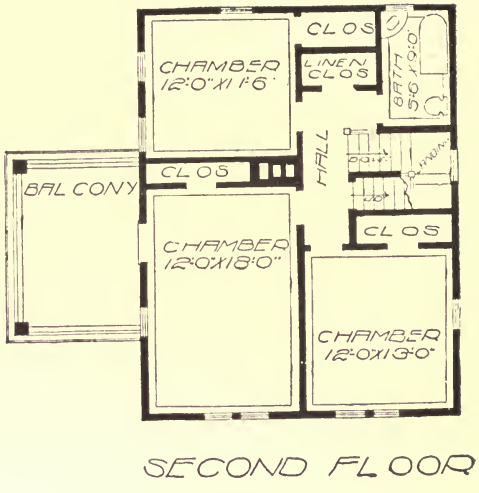


House Design No. 2039

Floor Plans of No. 2039



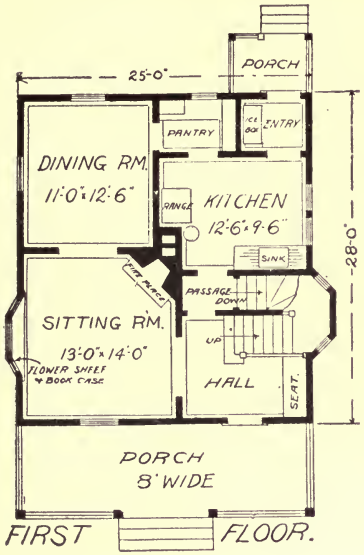
SIZE:
Width, 25 feet
6 inches
Length, 33 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

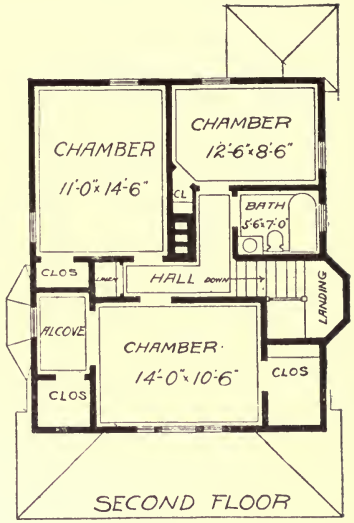
House Design No. 2040

Floor Plans of No. 2040



SIZE:

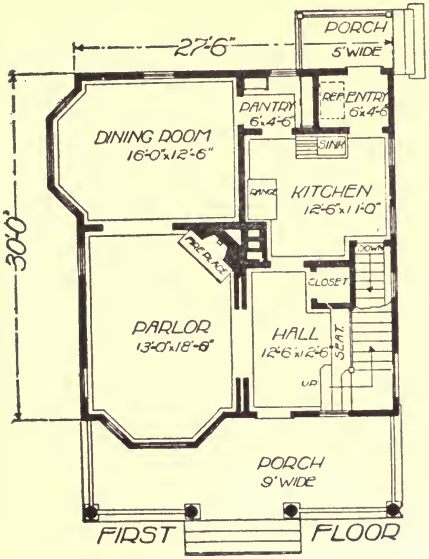
Width, 30 feet
Length, 42 feet



Blue prints consist of floor plans; roof pian; front and side elevations.
Complete typewritien specifications with each set of plans.

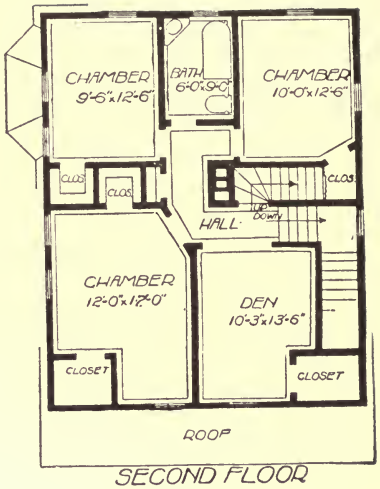
House Design No. 2041

Floor Plans of No. 2041



SIZE:

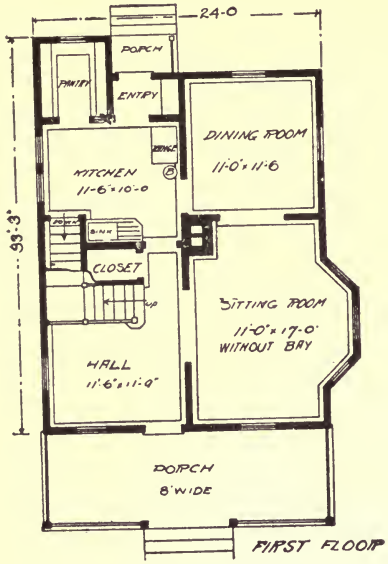
Width, 27 feet 6 inches
Length, 30 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

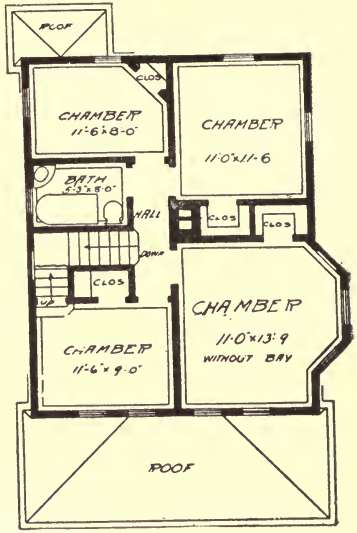
House Design No. 2042

Floor Plans of No. 2042



SIZE:

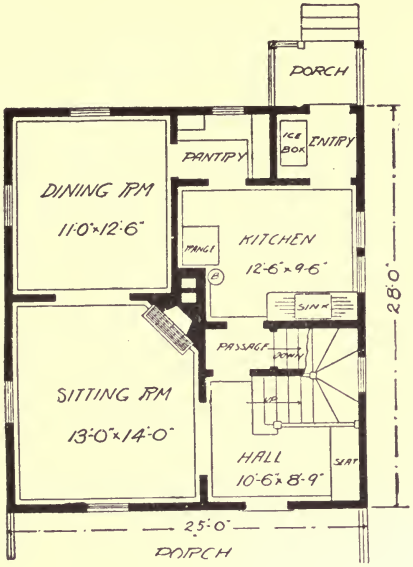
Width, 24 feet
Length, 30 feet



Blue prints consist of cellar and foundation plans; first and second floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

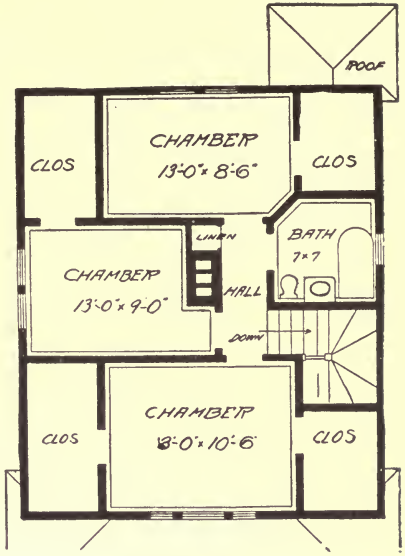
House Design No. 2043

Floor Plans of No. 2043

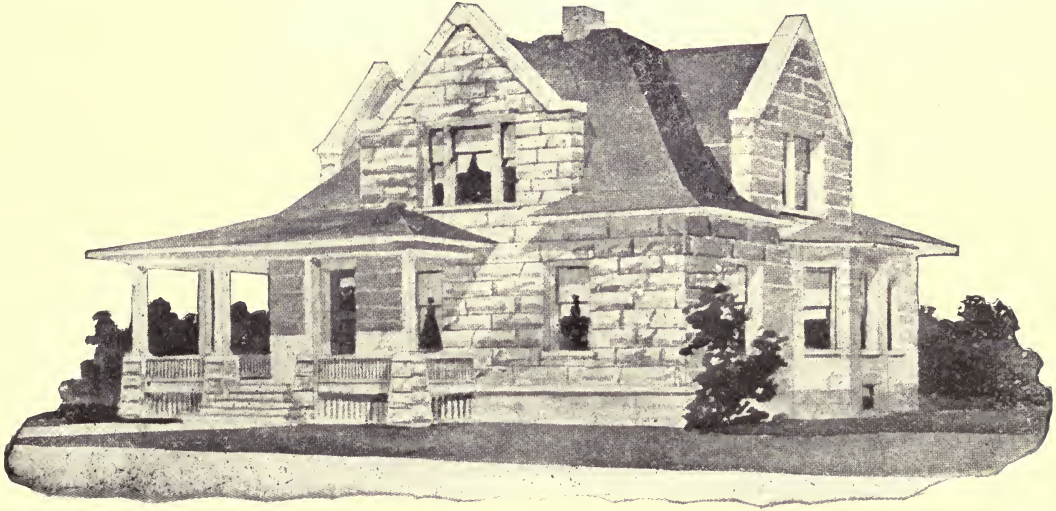


SIZE:

Width, 25 feet
Length, 28 feet



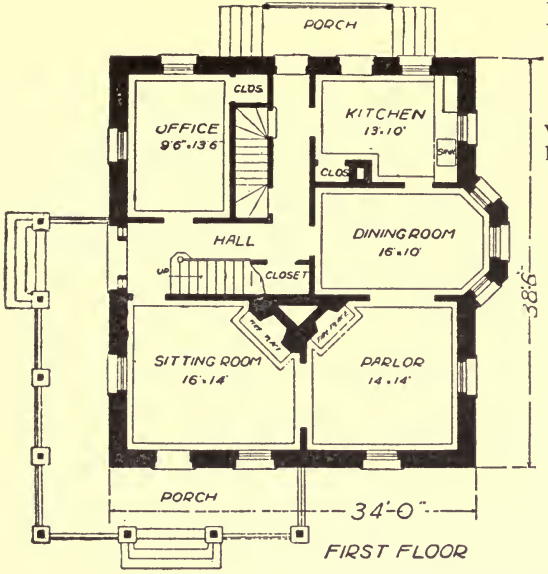
Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations. Complete typewritten specifications with each set of plans.

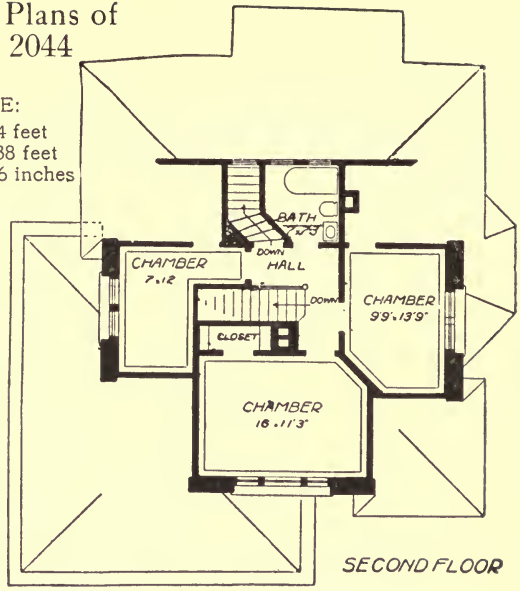


House Design No. 2044

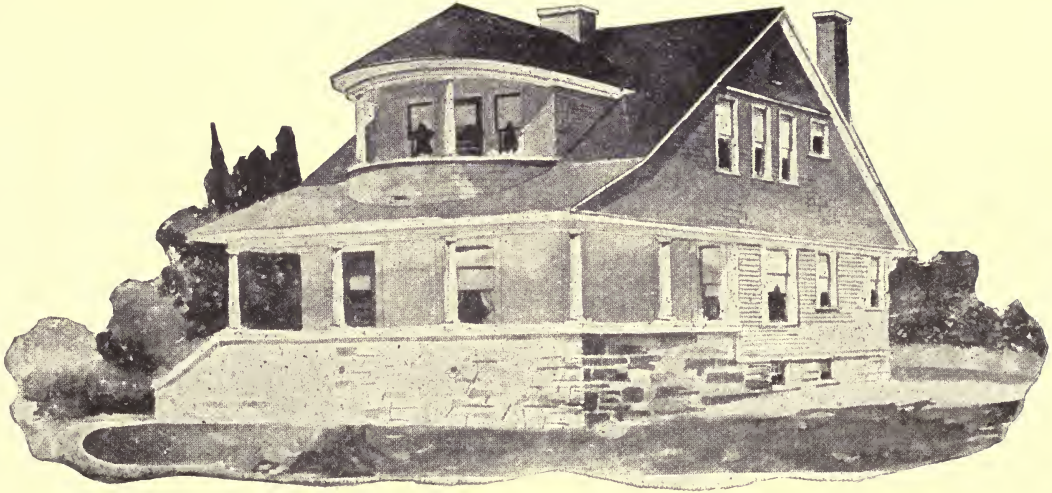
Floor Plans of No. 2044

SIZE:
Width, 34 feet
Length, 38 feet
6 inches



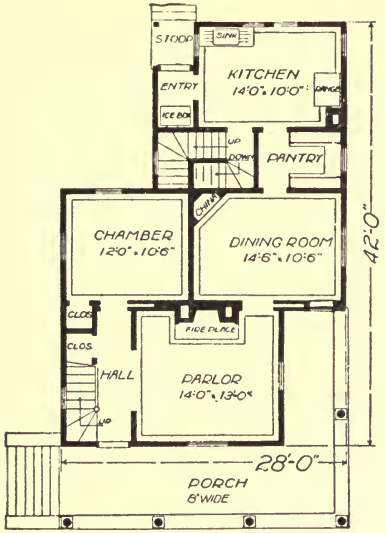


Blue prints consist of foundation plan; floor plans; roof plan; front and side elevations.
Complete typewritten specifications with each set of plans.



House Design No. 2045

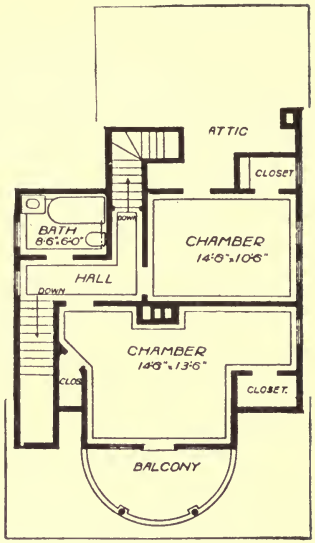
Floor Plans of No. 2045



FIRST FLOOR

SIZE:

Width, 28 feet
Length, 42 feet

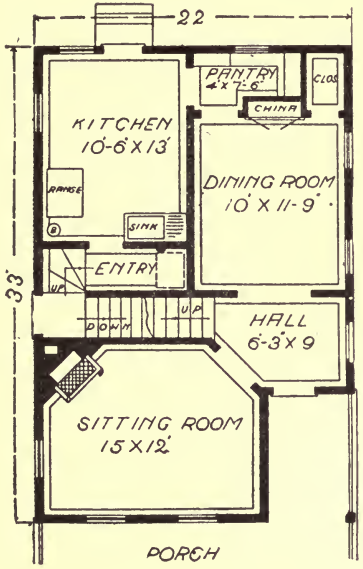


SECOND FLOOR

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2046

Floor Plans of No. 2046

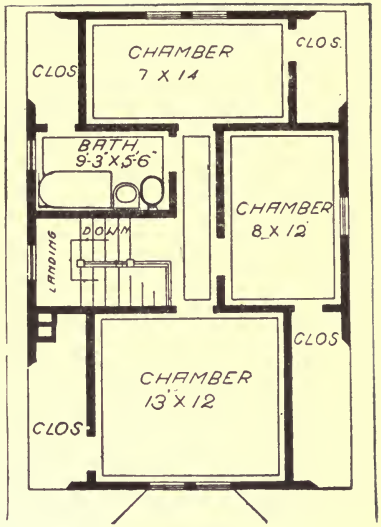


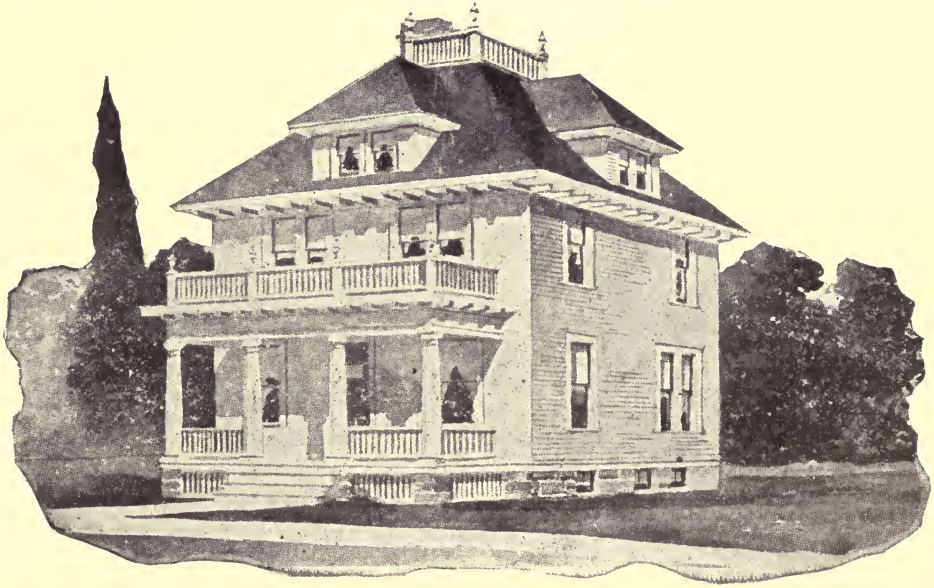
SIZE:

Width, 22 feet
Length, 33 feet

Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations.

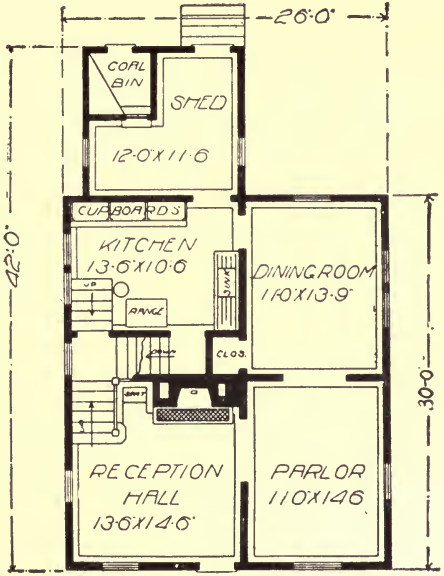
Complete typewritten specifications with each set of plans.





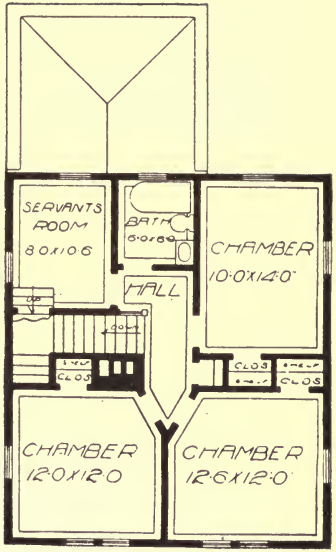
House Design No. 2047

Floor Plans of No. 2047



SIZE:

Width, 26 feet
Length, 42 feet



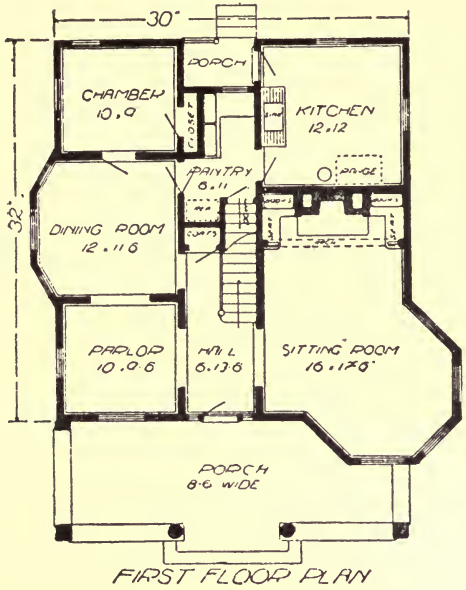
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.
Complete typewritten specifications with each set of plans.

House Design No. 2048

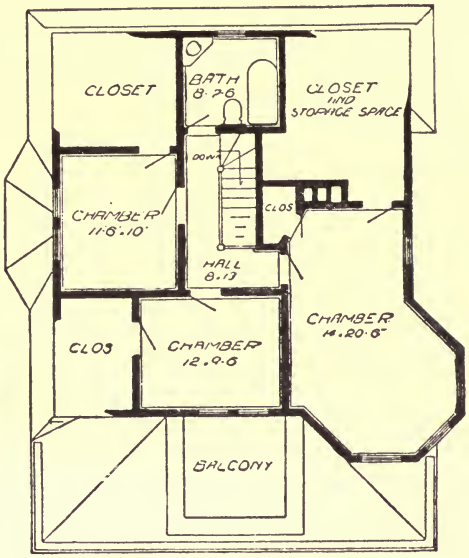
Floor Plans of No. 2048

SIZE:

Width, 30 feet
Length, 32 feet



FIRST FLOOR PLAN



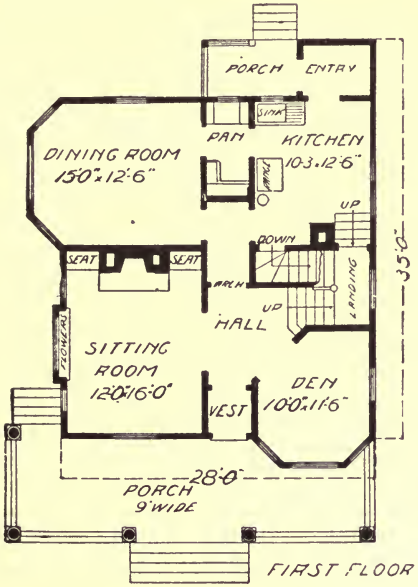
SECOND FLOOR PLAN

Blue prints consist of cellar and foundation plans; floor plans; front and side elevations.

Complete typewritten specifications with each set of plans.

House Design No. 2049

Floor Plans of No. 2049

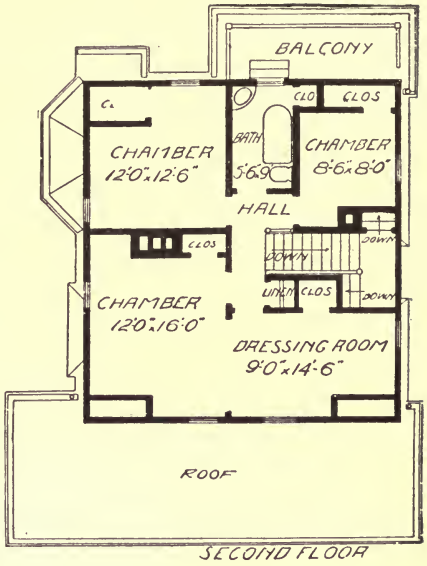


SIZE:

Width, 28 feet
Length, 35 feet

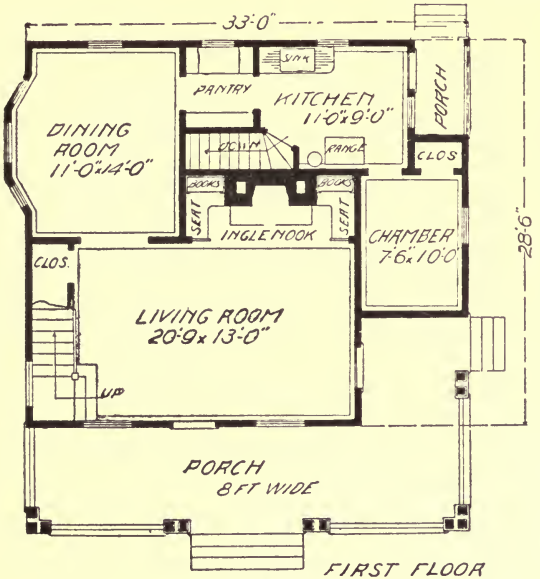
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

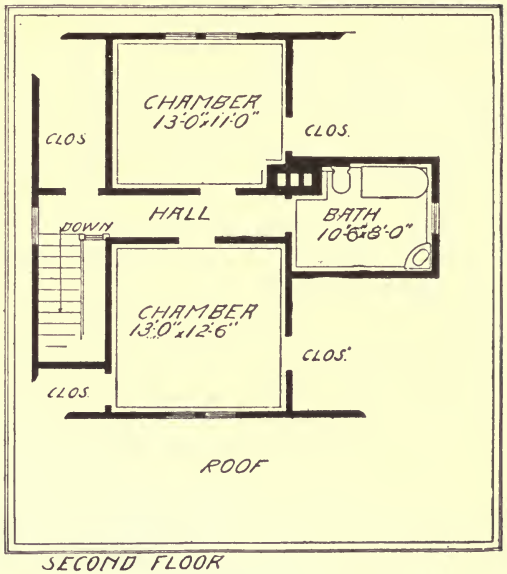
Complete typewritten specifications with each set of plans.



House Design No. 2050

Floor Plans of No. 2050



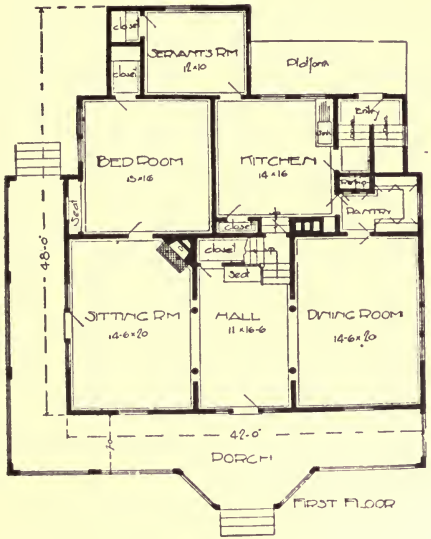


SIZE: Length, 28 feet
Width, 33 feet

Blue prints consist of cellar and foundation plans; first floor and attic plan; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2051

Floor Plans of No. 2051

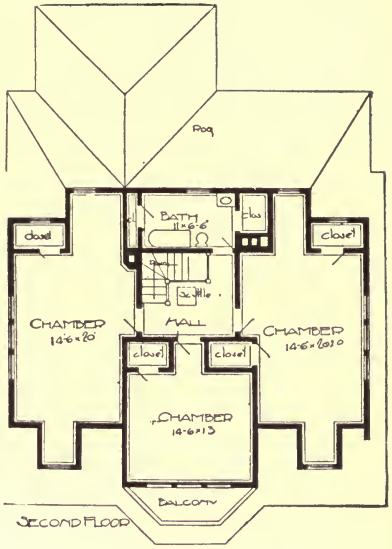


SIZE:

Width, 42 feet
Length, 48 feet

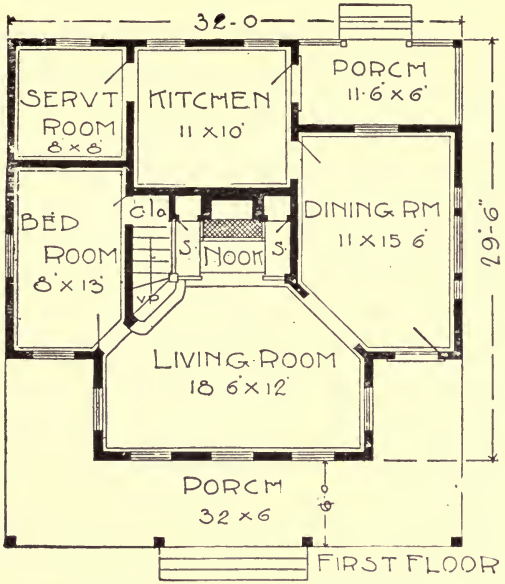
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

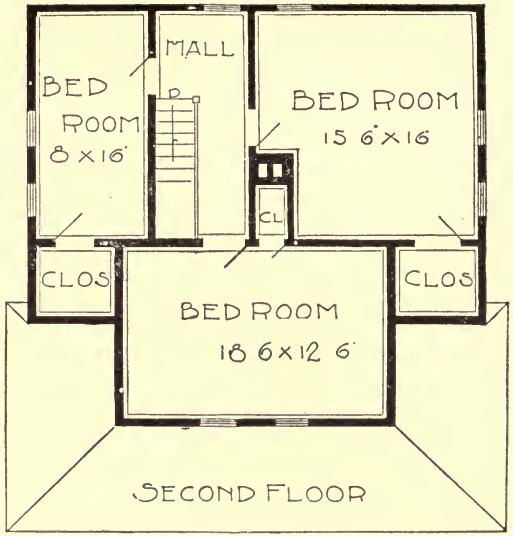
Complete typewritten specifications with each set of plans.



House Design No. 2052

Floor Plans of No. 2052





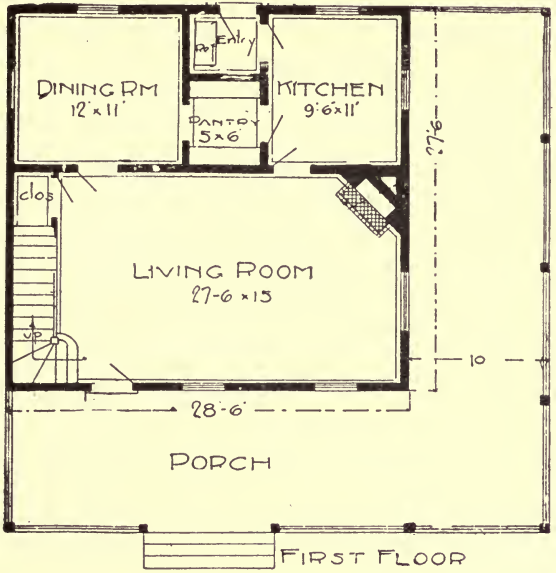
SIZE:
Width, 32 feet 6 inches
Length, 29 feet 6 inches

Blue prints consist of cellar and foundation plans floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

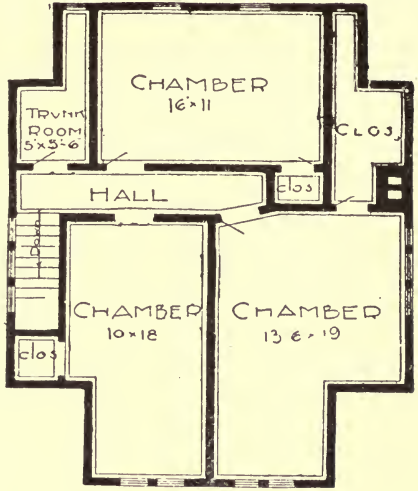
House Design No. 2053

Floor Plans of No. 2053

SIZE:
Width, 28 feet 6 inches
Length, 27 feet 6 inches



FIRST FLOOR

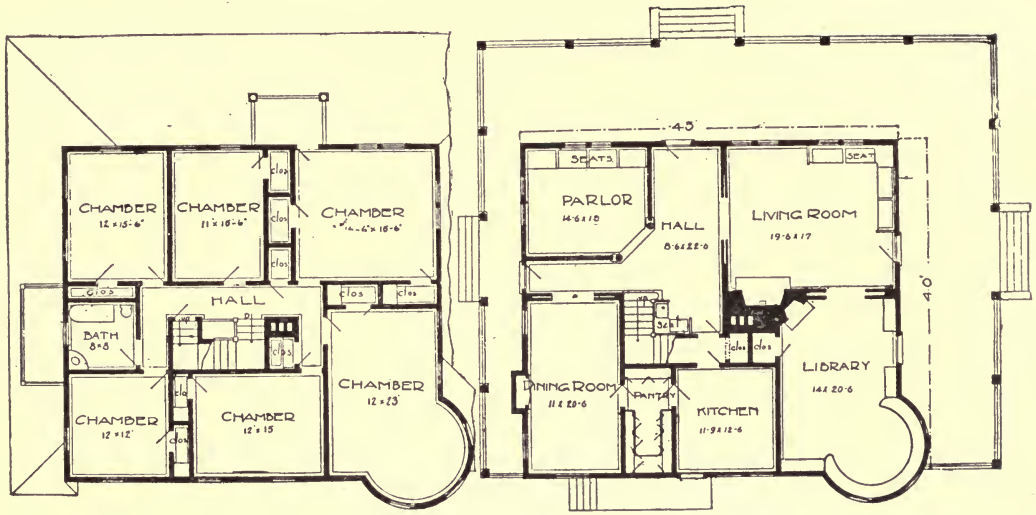


SECOND FLOOR

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2054

Floor Plans of No. 2054

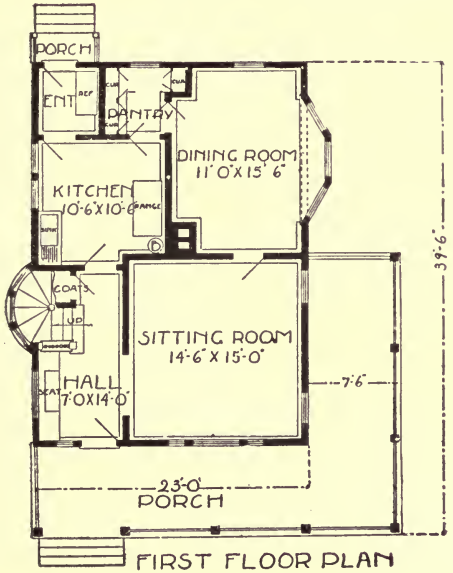


SIZE:
Width, 40 feet
Length, 45 feet

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2055

Floor Plans of No. 2055



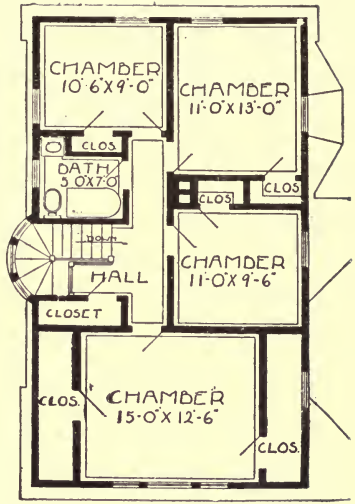
FIRST FLOOR PLAN

SIZE:

Width, 23 feet
Length, 39 feet
6 inches

Blue prints consist of cellar and foundation plans; first and second floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.



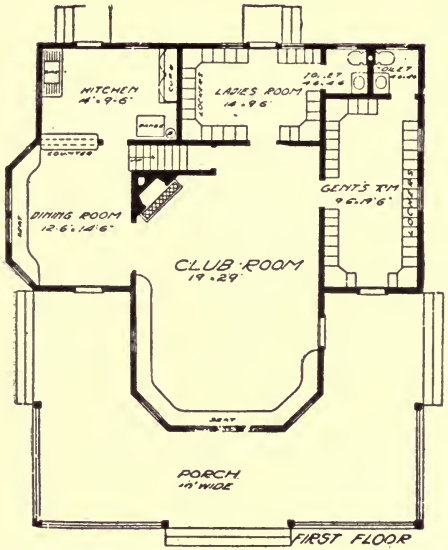
SECOND FLOOR PLAN

Golf Club Design No. 2056

Price of Plans and Specifications **$10.00**

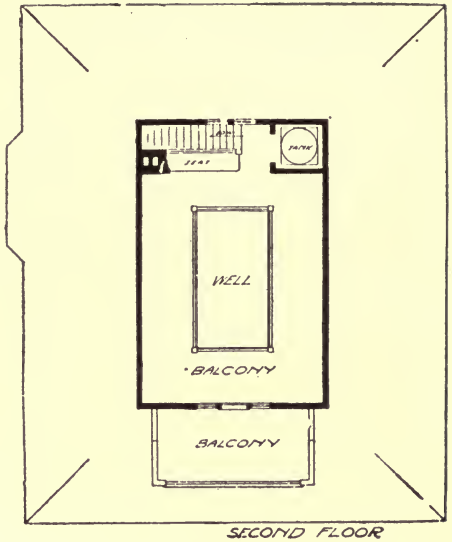
Full and complete working plans and specifications will be furnished for $10.00
A golf club design—estimated cost about $1,250.

Floor Plans of No. 2056



SIZE:

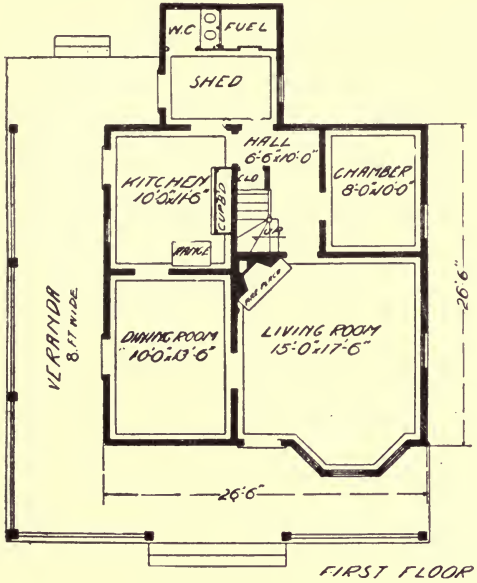
Width, 40 feet
Length, 40 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2057

Floor Plans of No. 2057

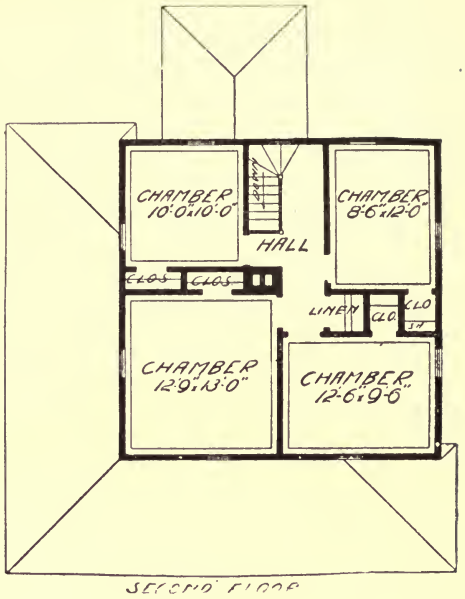


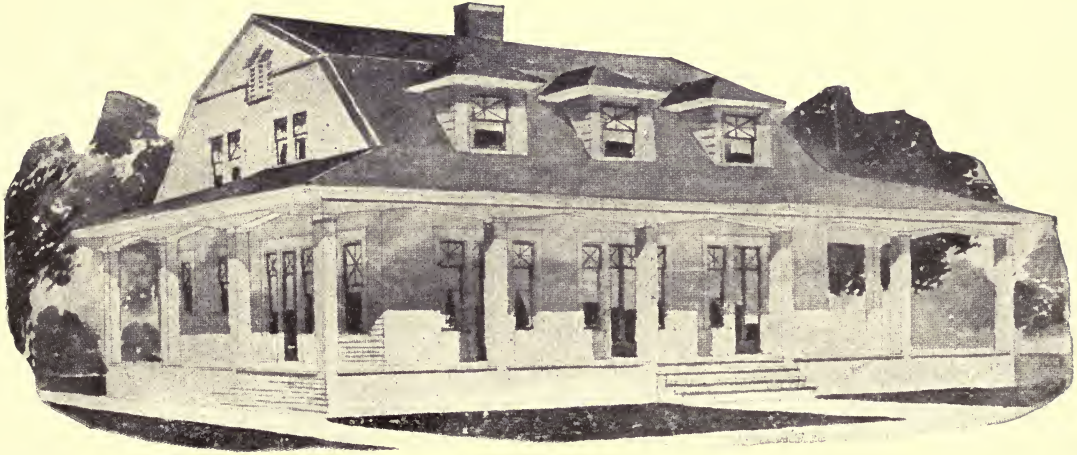
SIZE:

Width, 26 feet
6 inches
Length, 26 feet
6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

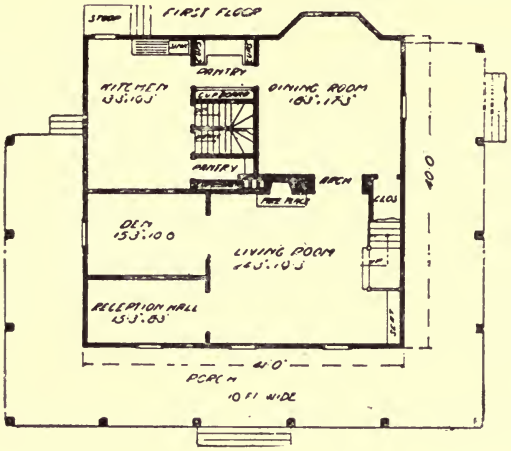
Complete typewritten specifications with each set of plans.

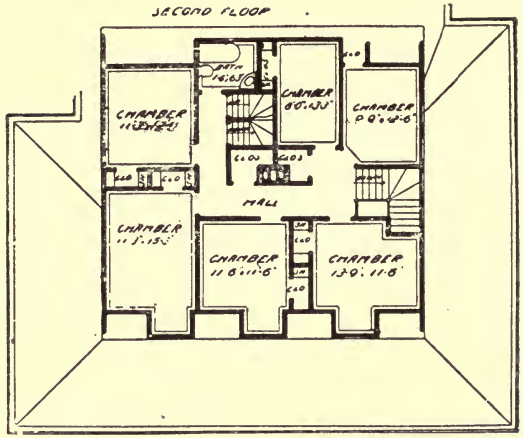




House Design No. 2058

Floor Plans of No. 2058



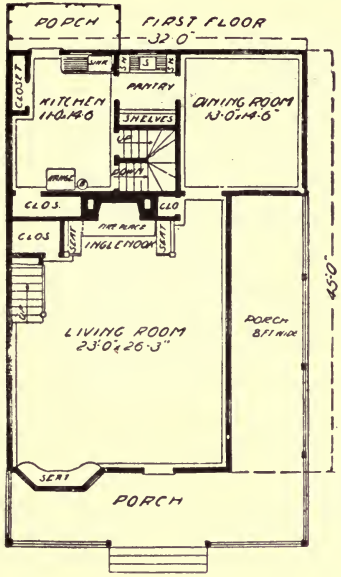


SIZE:
Width, 41 feet
Length, 40 feet

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2059

Floor Plans of No. 2059

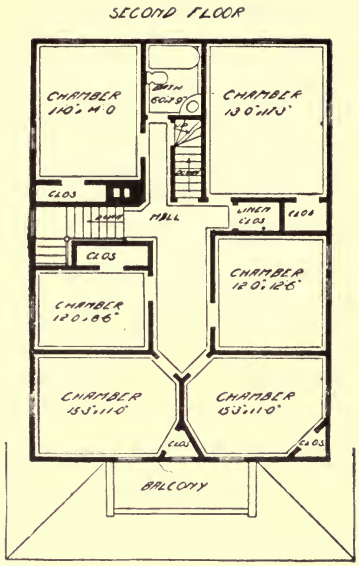


SIZE:

Width, 32 feet
Length, 45 feet

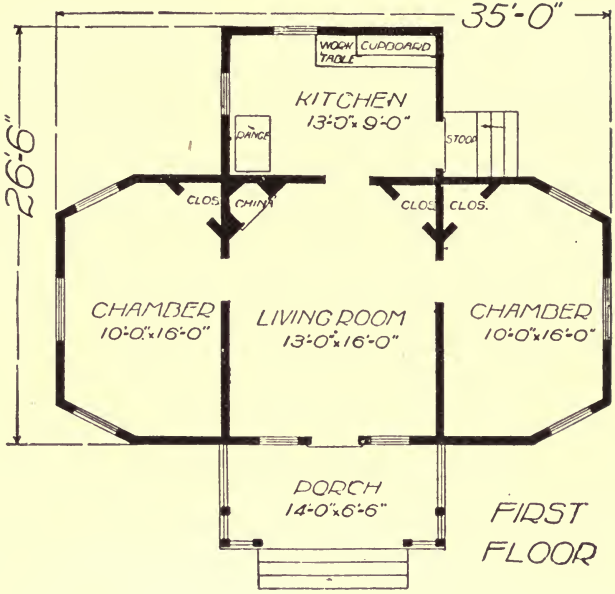
Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations.

Complete typewritten specifications with each set of plans.



House Design No. 2060

Floor Plan of No. 2060



SIZE:

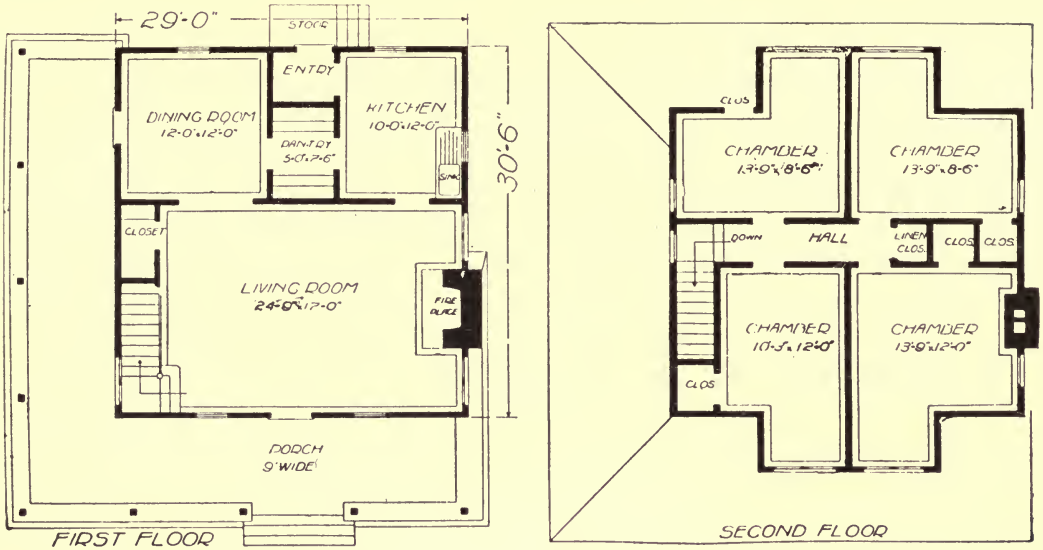
Width, 35 feet
Length, 26 feet
6 inches

Blue prints consist of cellar and foundation plans; floor plan; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

House Design No. 2061

Floor Plans of No. 2061

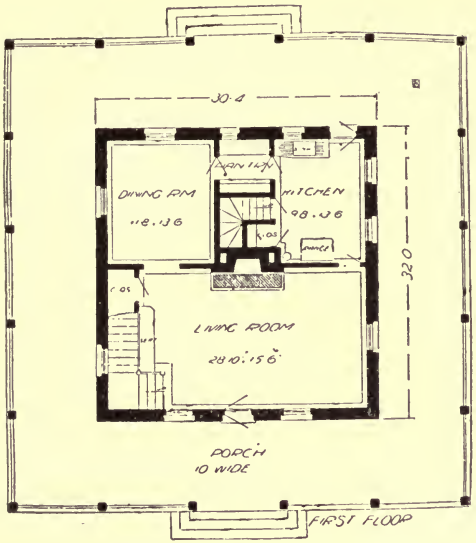


SIZE:
Width, 29 feet
Length, 30 feet 6 inches

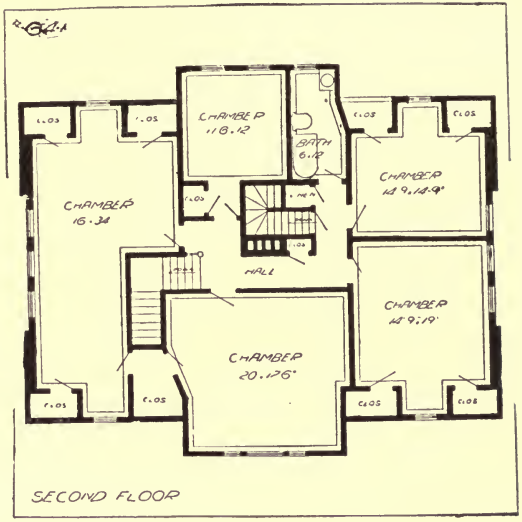
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2062

Floor Plans of No. 2062



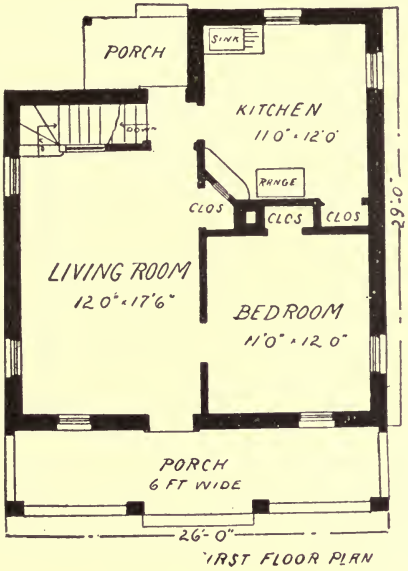
SIZE
Width, 51 feet 4 inches
Length 53 feet



Blue prints consist of cellar and foundation plans, floor plans, roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2063

Floor Plans of No. 2063



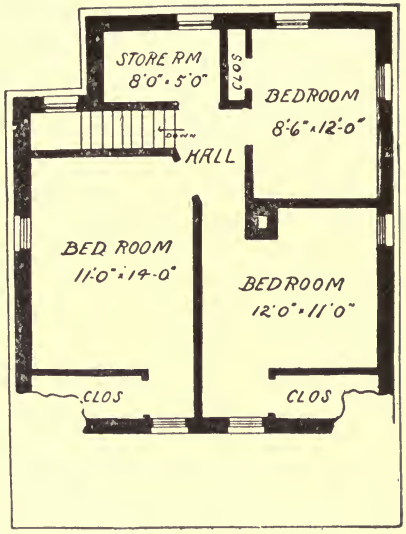
FIRST FLOOR PLAN

SIZE:

Width, 26 feet
Length, 29 feet

Blue prints consist of cellar and foundation plans; first and second floor plans; roof plan; front and side elevations.

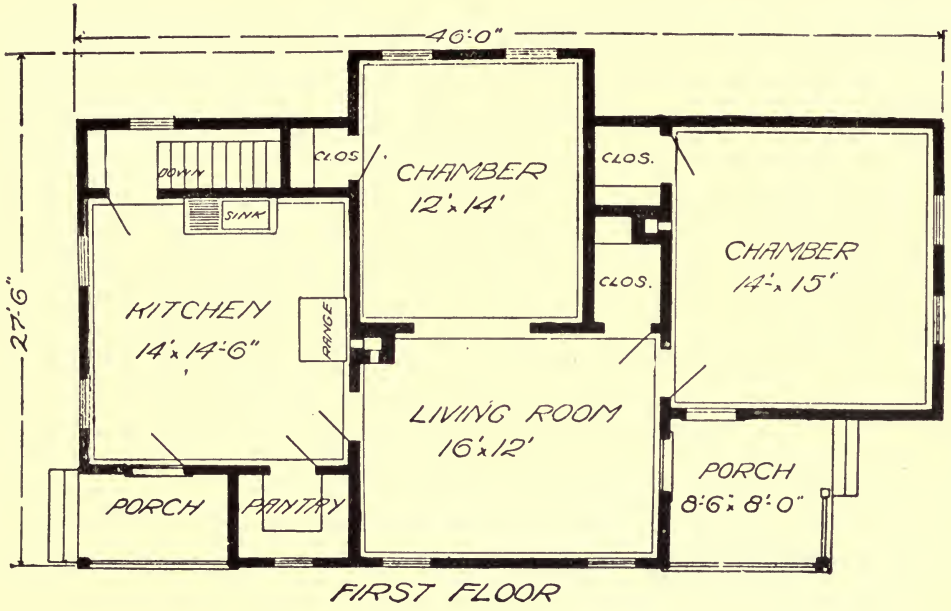
Complete typewritten specifications with each set of plans.



SECOND FLOOR PLAN

House Design No. 2064

Floor Plan of No. 2064



SIZE:

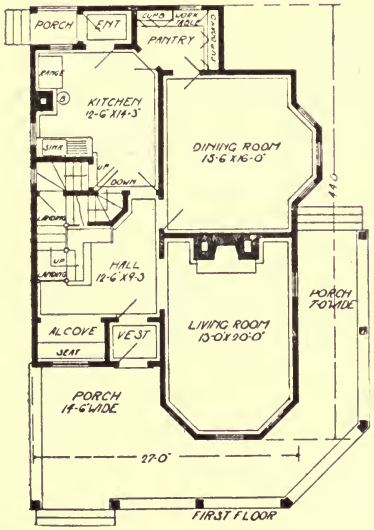
Width, 27 feet 6 inches
Length, 46 feet

Blue prints consist of cellar and foundation plans; floor plan; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

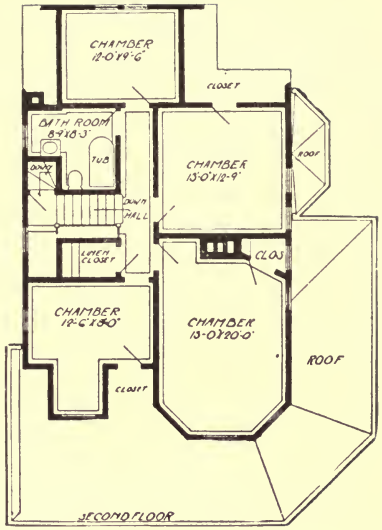
House Design No. 2065

Floor Plans of No. 2065



SIZE:

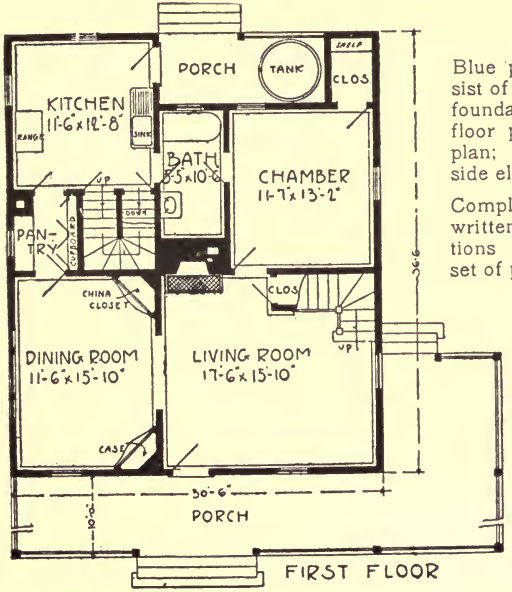
Width, 27 feet
Length, 44 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

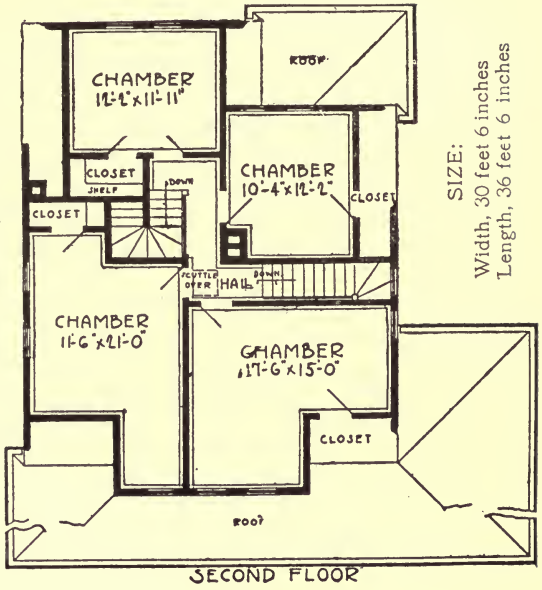
House Design No. 2066

Floor Plans of No. 2066

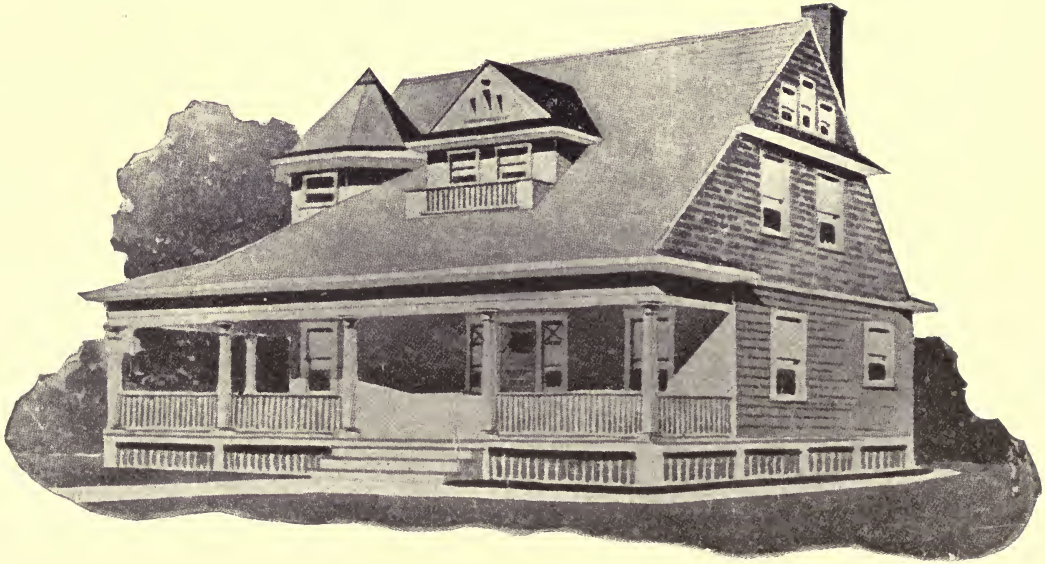


Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

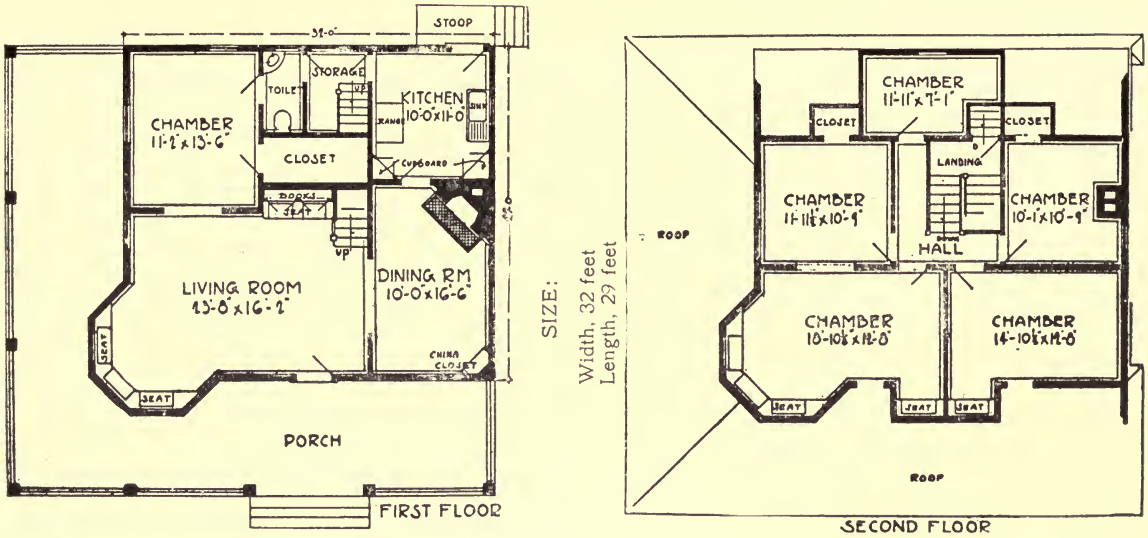


SIZE:
Width, 30 feet 6 inches
Length, 36 feet 6 inches



House Design No. 2067

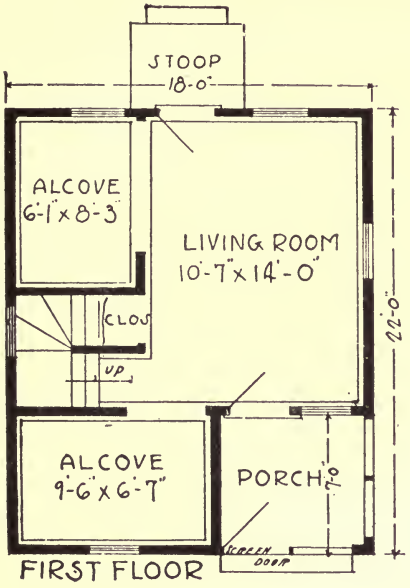
Floor Plans of No. 2067



Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2068

Floor Plans of No. 2068



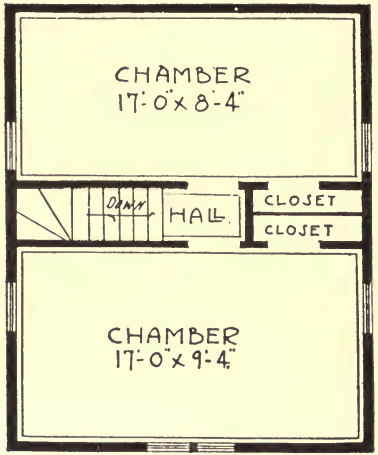
FIRST FLOOR

SIZE:

Width, 18 feet
Length, 22 feet

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

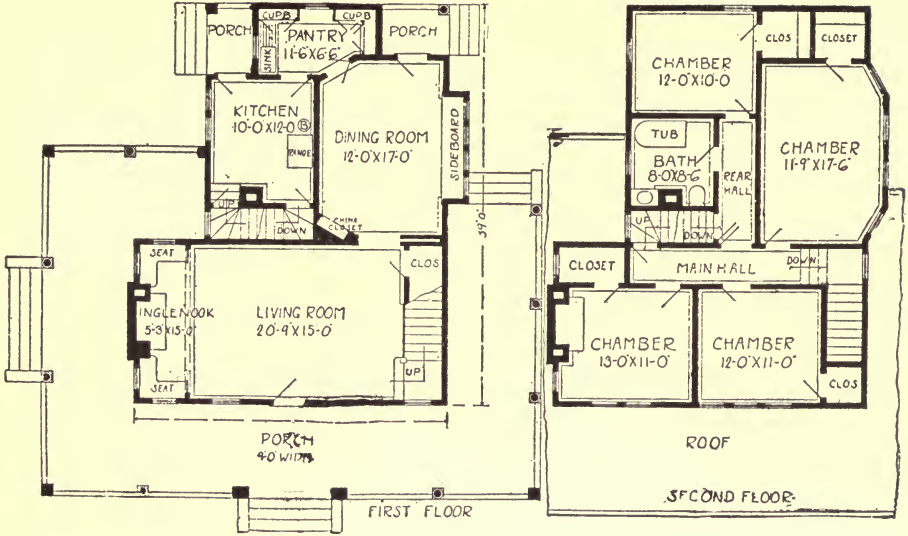
Complete typewritten specifications with each set of plans.



SECOND FLOOR

House Design No. 2069

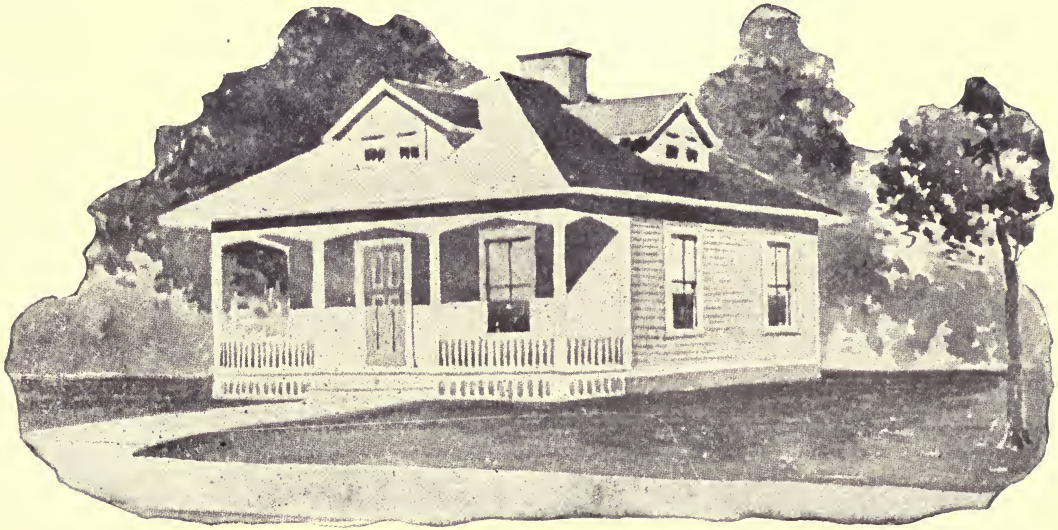
Floor Plans of No. 2069



SIZE:

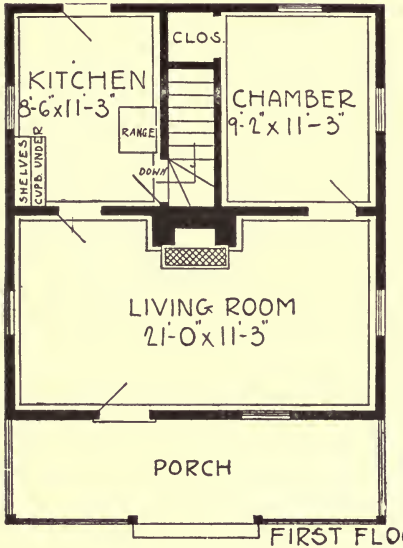
Width, 30 feet
6 inches
Length, 39 feet

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



House Design No. 2070

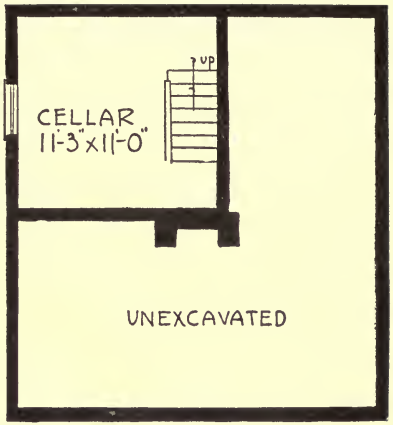
Floor Plans of No. 2070



FIRST FLOOR

SIZE:

Width, 22 feet
Length, 24 feet

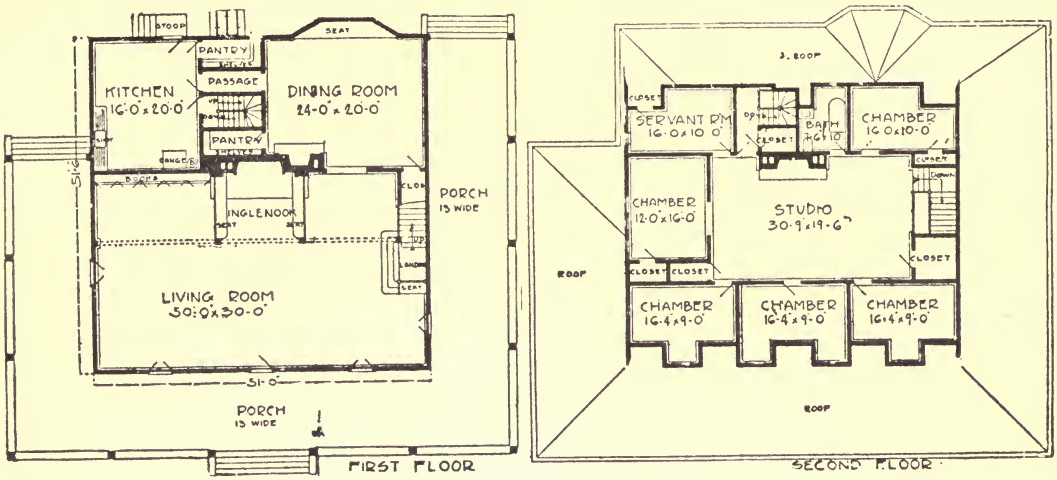


BASEMENT PLAN

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2071

Floor Plans of No. 2071

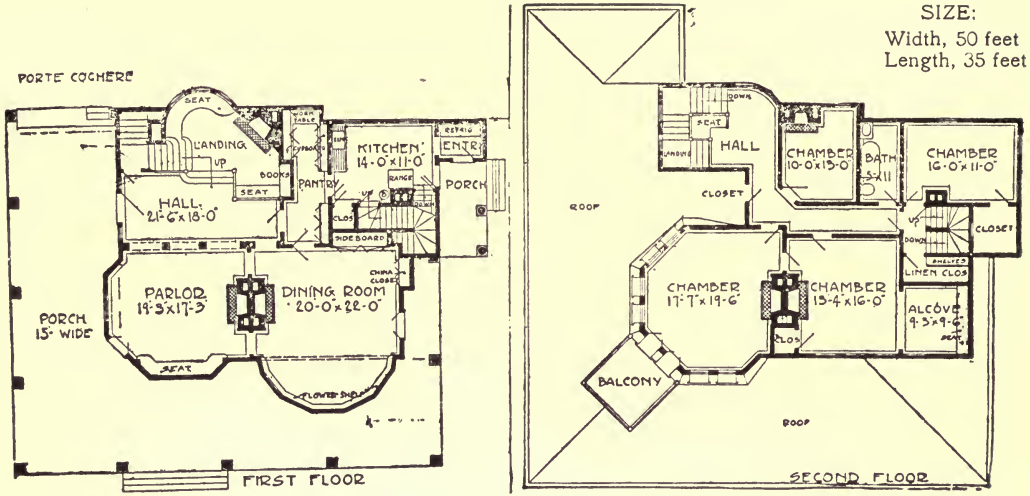


SIZE:
Width, 51 feet
Length, 51 feet 6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2072

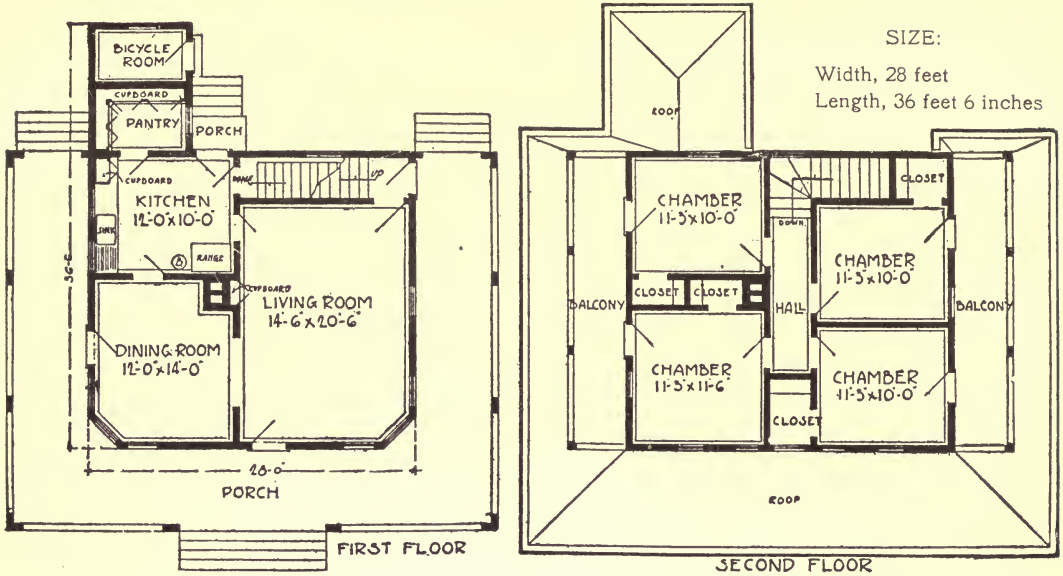
Floor Plans of No. 2072



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2073

Floor Plans of No. 2073



SIZE:

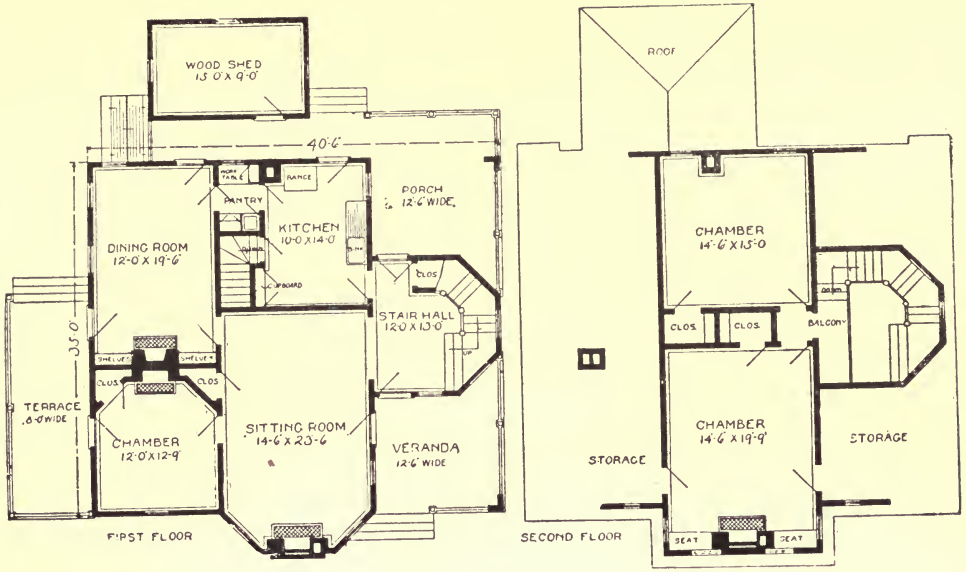
Width, 28 feet

Length, 36 feet 6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2074

Floor Plans of No. 2074

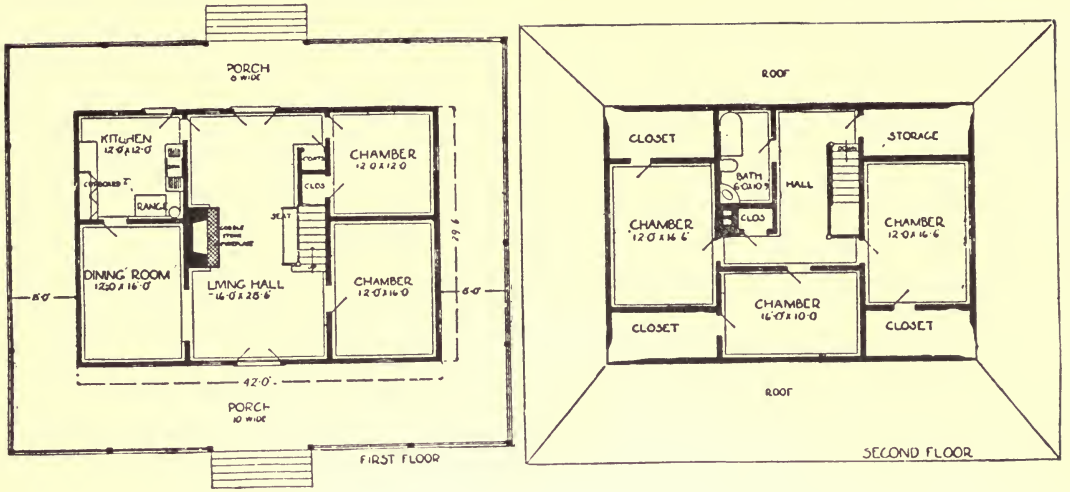


SIZE:
Width, 40 feet 6 inches
Length, 35 feet

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

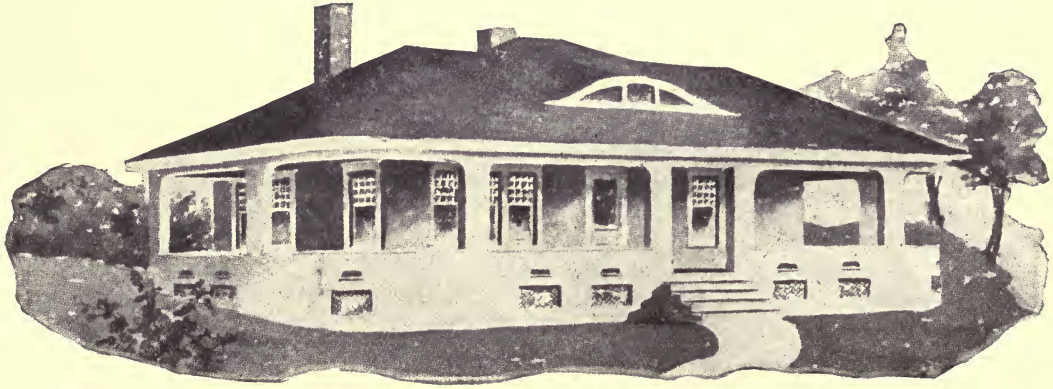
House Design No. 2075

Floor Plans of No. 2075



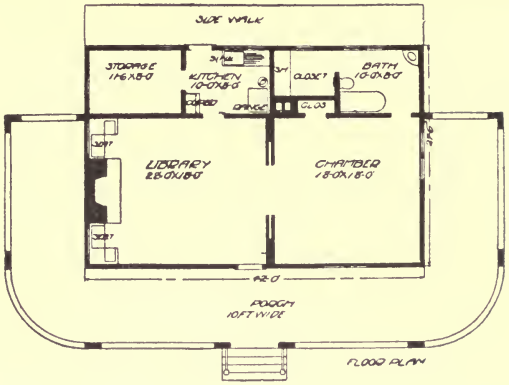
SIZE:
Width, 42 feet
Length, 29 feet 6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



House Design No. 2076

Floor Plan of No. 2076



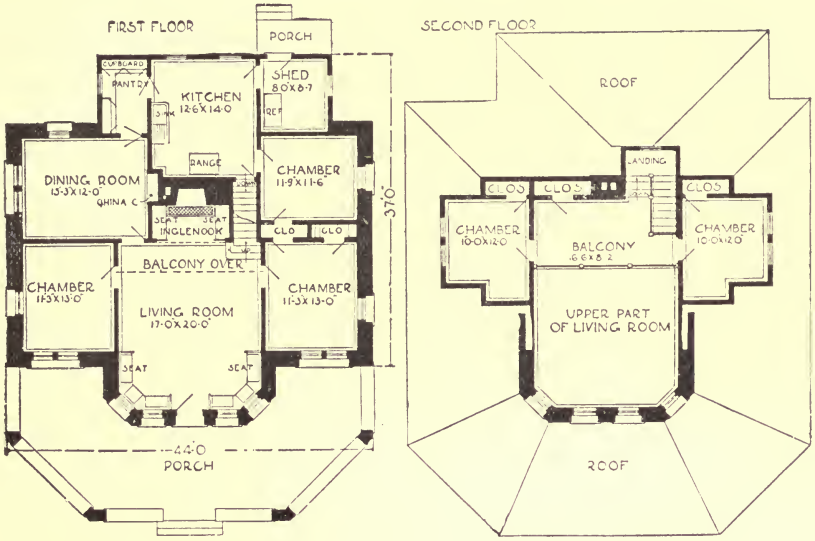
SIZE:

Width, 42 feet
Length, 27 feet

Blue prints consist of cellar and foundation plans; floor plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2077

Floor Plans of No. 2077

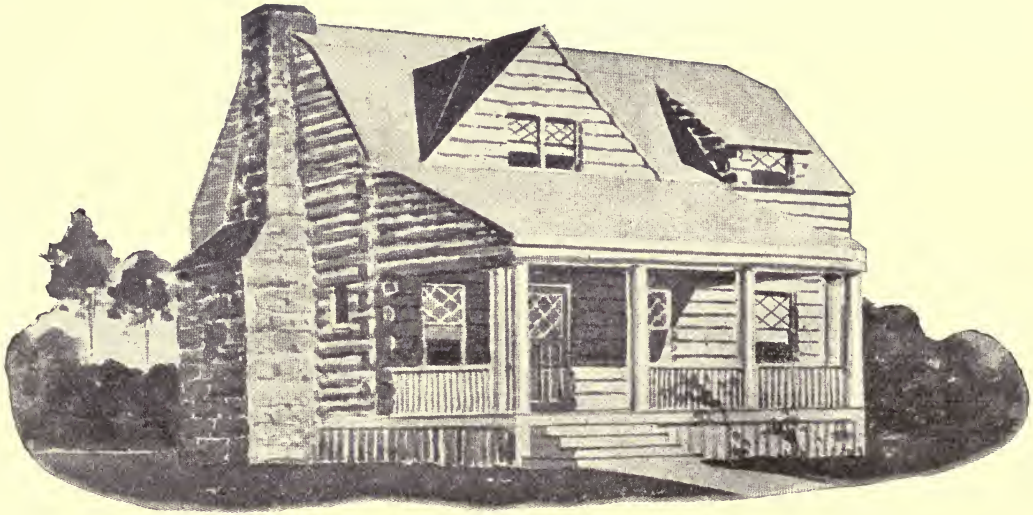


SIZE:

Width, 44 feet
Length, 55 feet
6 inches

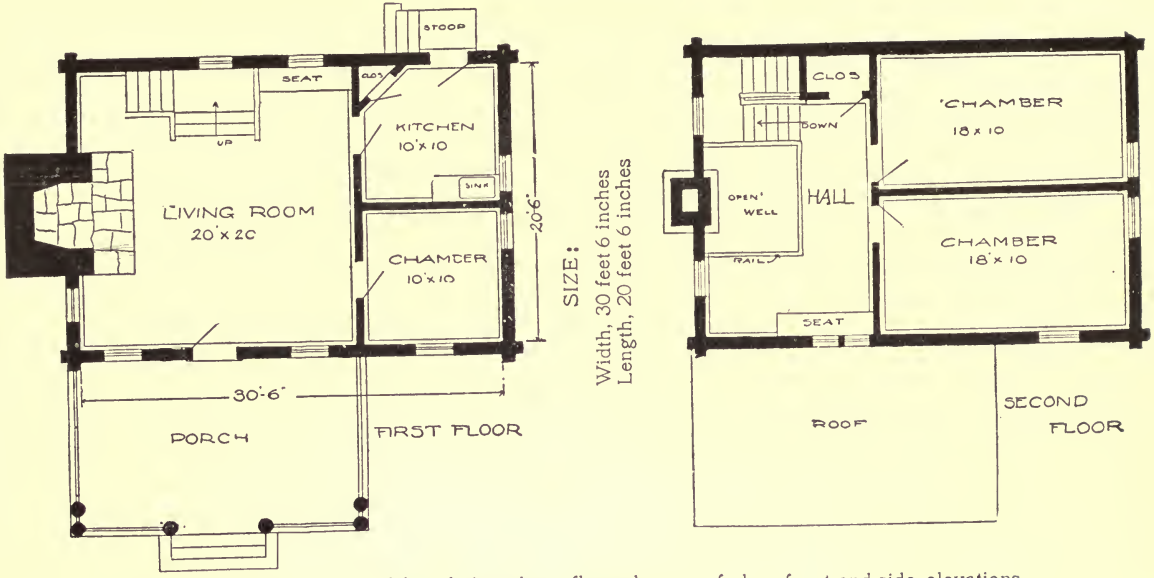
Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations.

Complete typewritten specifications with each set of plans.



House Design No. 2078

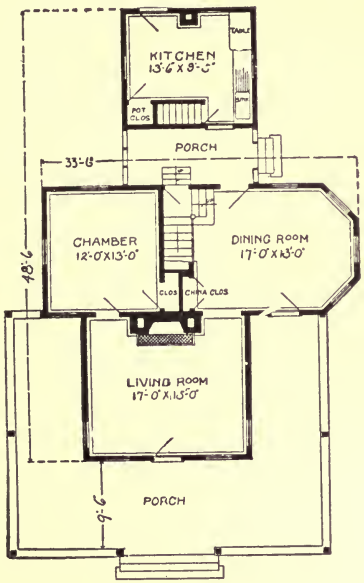
Floor Plans of No. 2078



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2079

Floor Plans of No. 2079



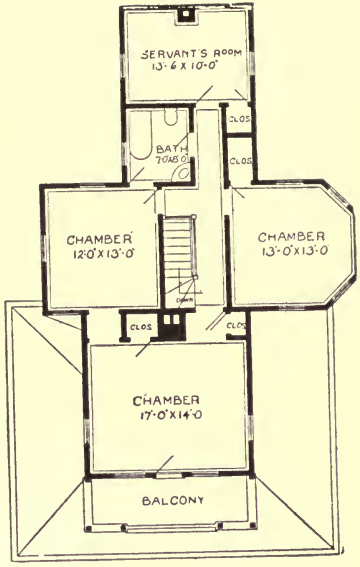
SIZE:

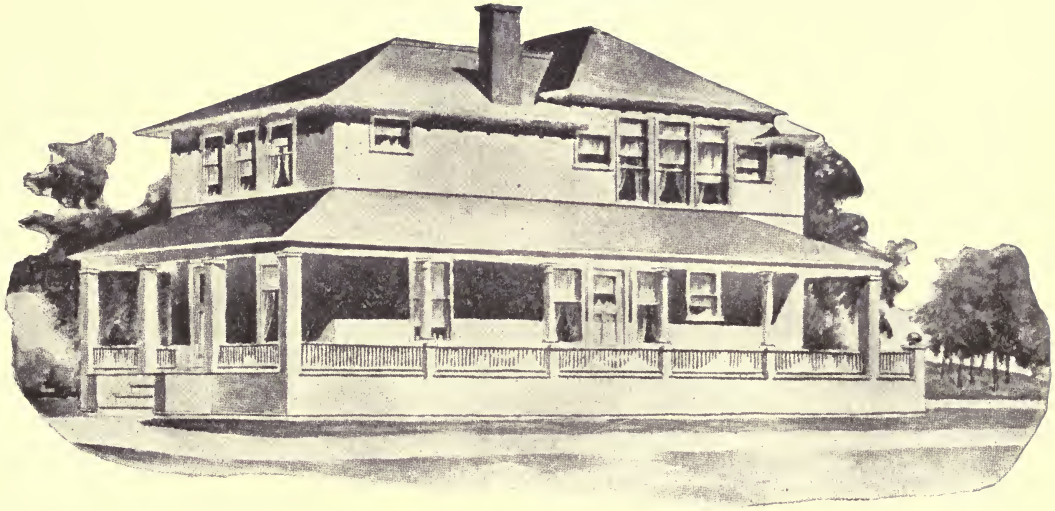
Width, 33 feet
6 inches

Length, 48 feet
6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

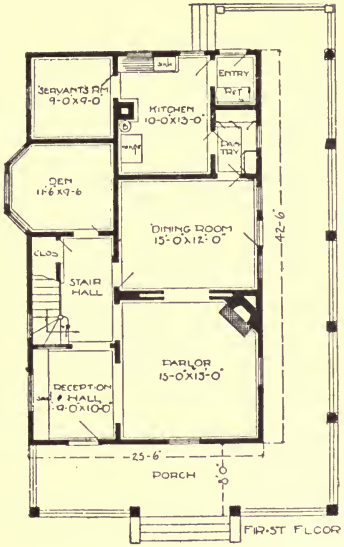
Complete typewritten specifications with each set of plans.





House Design No. 2080

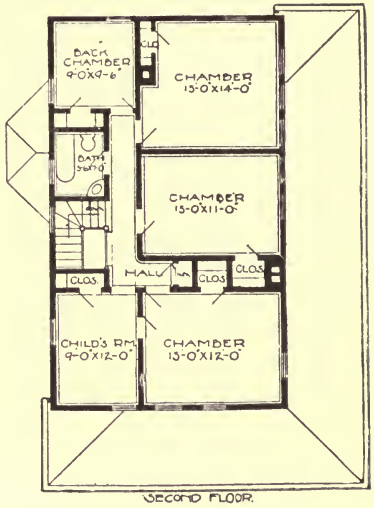
Floor Plans of No. 2080



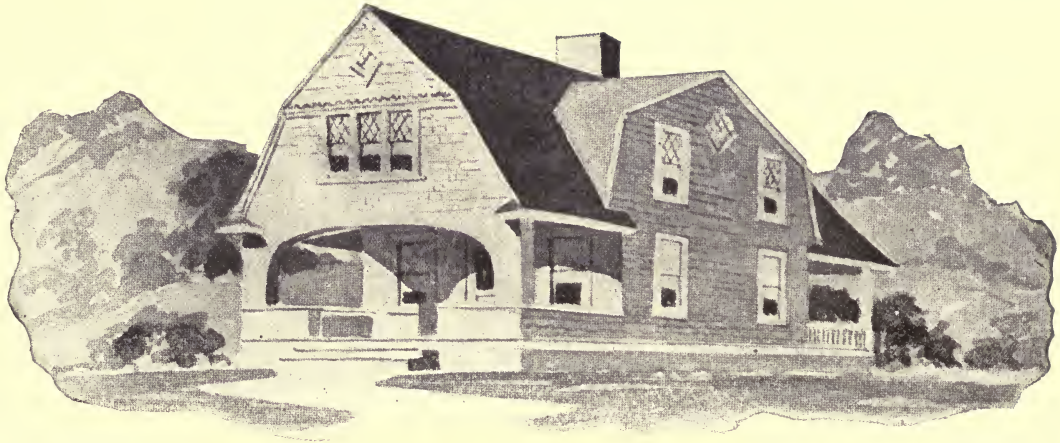
SIZE:

Width, 25 feet
6 inches

Length, 42 feet
6 inches

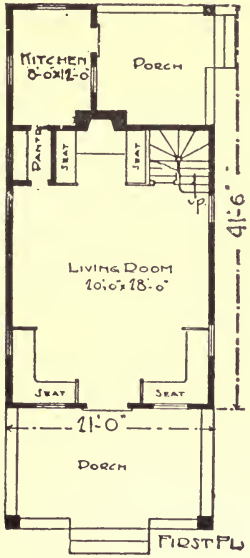


Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations. Complete typewritten specifications with each set of plans.



House Design No. 2081

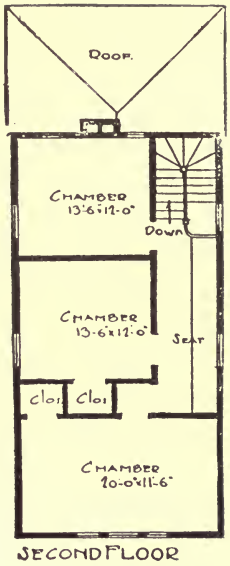
Floor Plans of No. 2081



SIZE:

Width, 21 feet

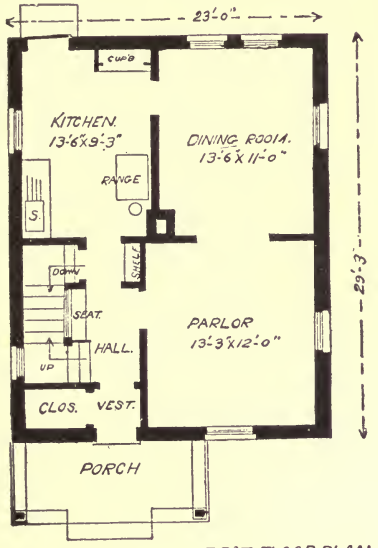
Length, 41 feet
6 inches



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2082

Floor Plans of No. 2082



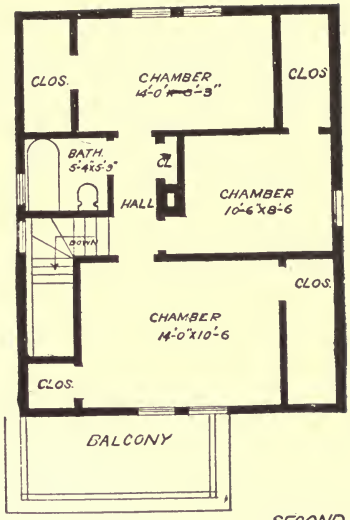
FIRST FLOOR PLAN.

SIZE:

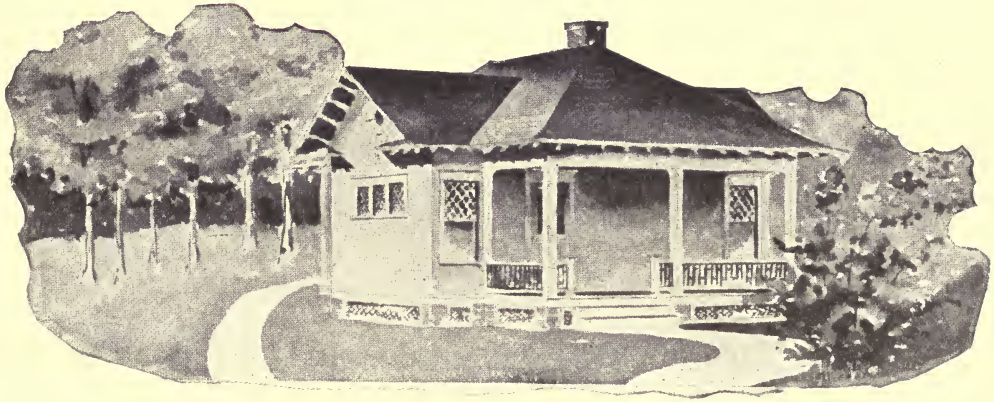
Width, 23 feet
Length, 29 feet
3 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

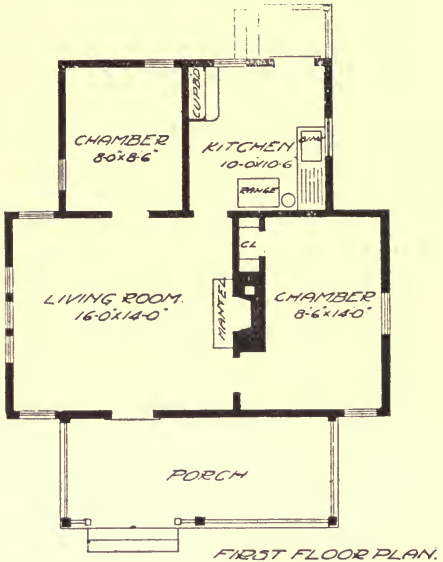


SECOND FLOOR



House Design No. 2083

Floor Plan of No. 2083



FIRST FLOOR PLAN.

SIZE:

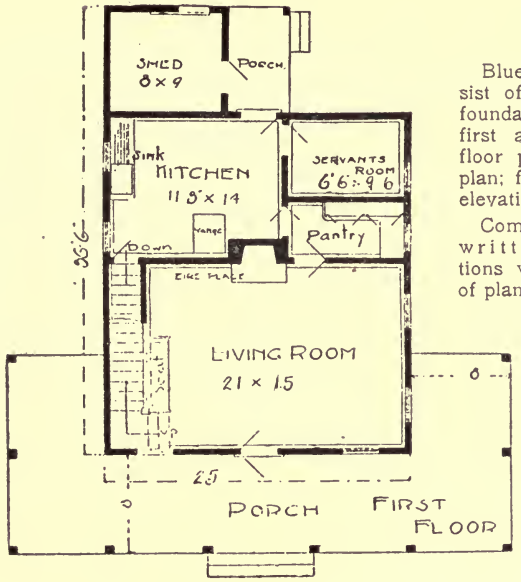
Width, 28 feet
Length, 26 feet

Blue prints consist of cellar and foundation plans; roof plan; floor plan; front and side elevations.

Complete typewritten specifications with each set of plans.

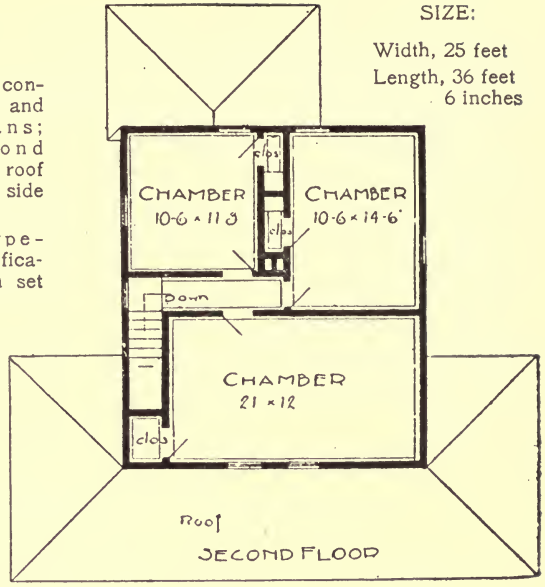
House Design No. 2084

Floor Plans of No. 2084



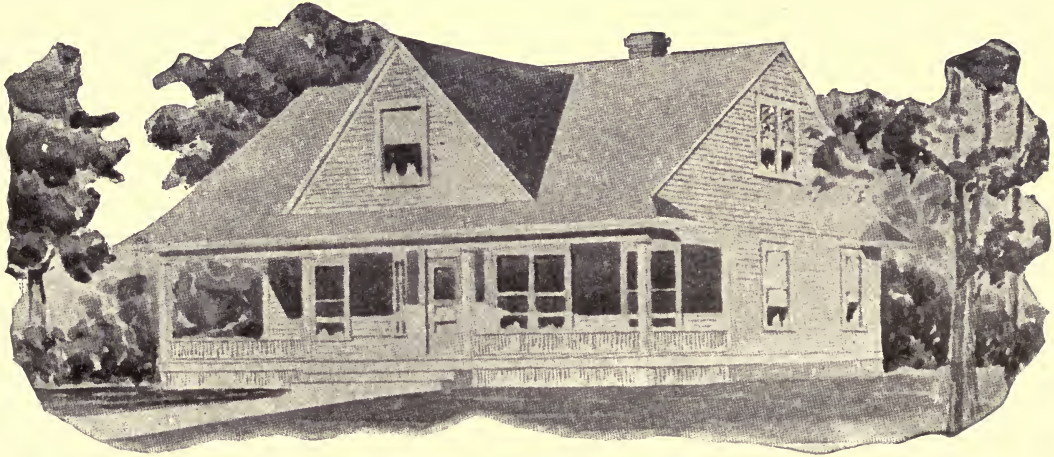
Blue prints consist of cellar and foundation plans; first and second floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.



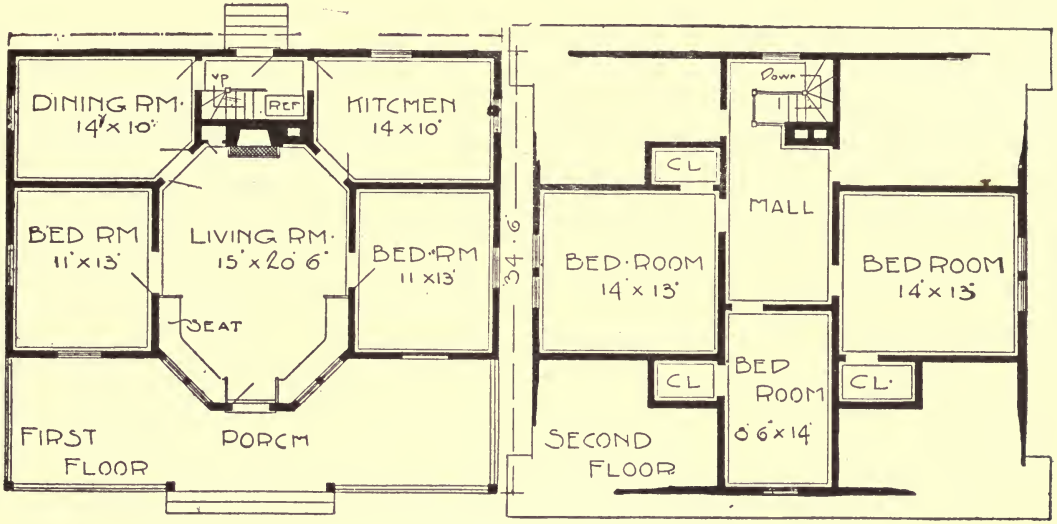
SIZE:

Width, 25 feet
Length, 36 feet
6 inches



House Design No.2085

Floor Plans of No. 2085

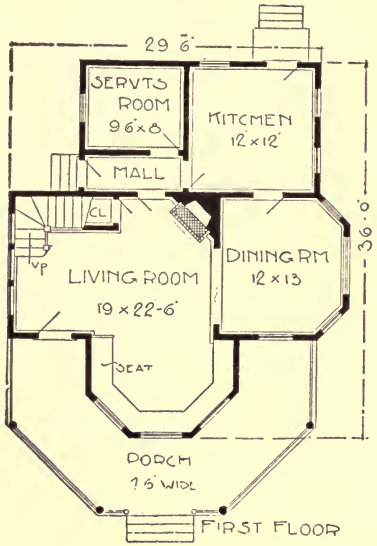


SIZE:
Width, 39 feet
Length, 34 feet 6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2086

Floor Plans of No. 2086

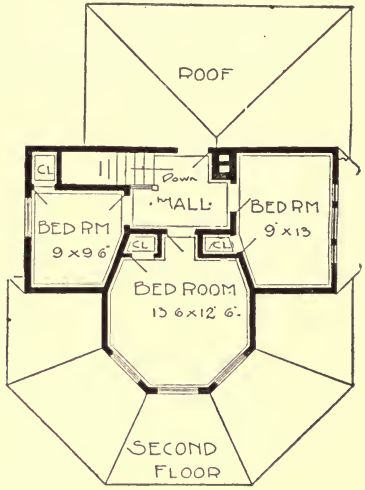


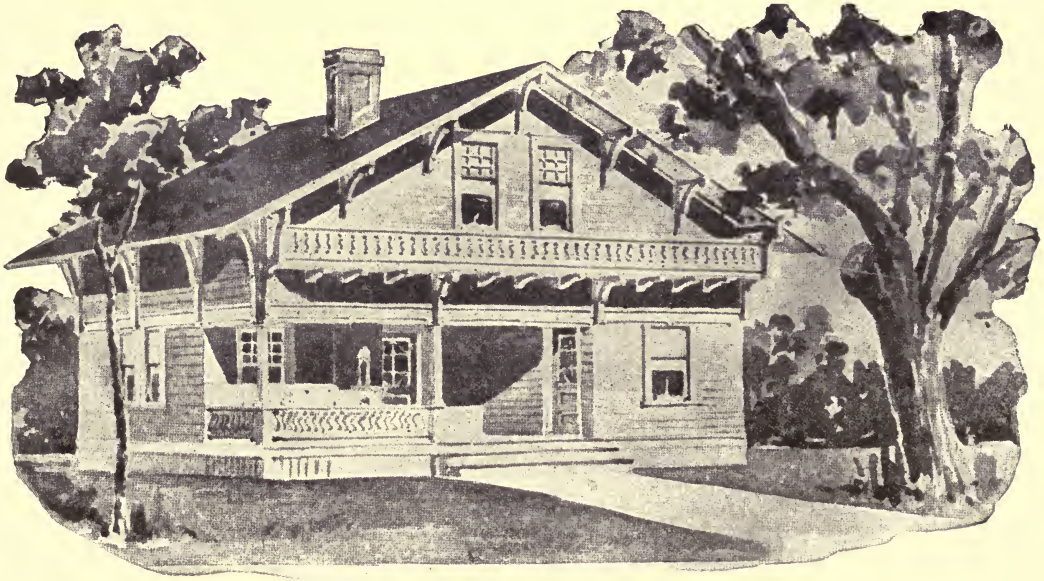
SIZE:

Width, 29 feet 6 inches
Length, 36 feet

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

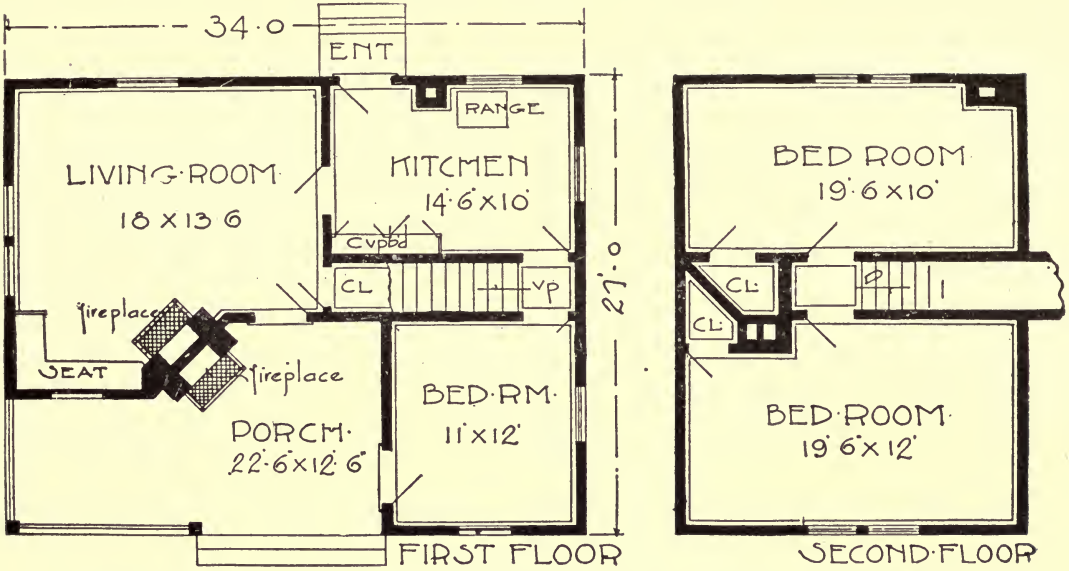
Complete typewritten specifications with each set of plans.





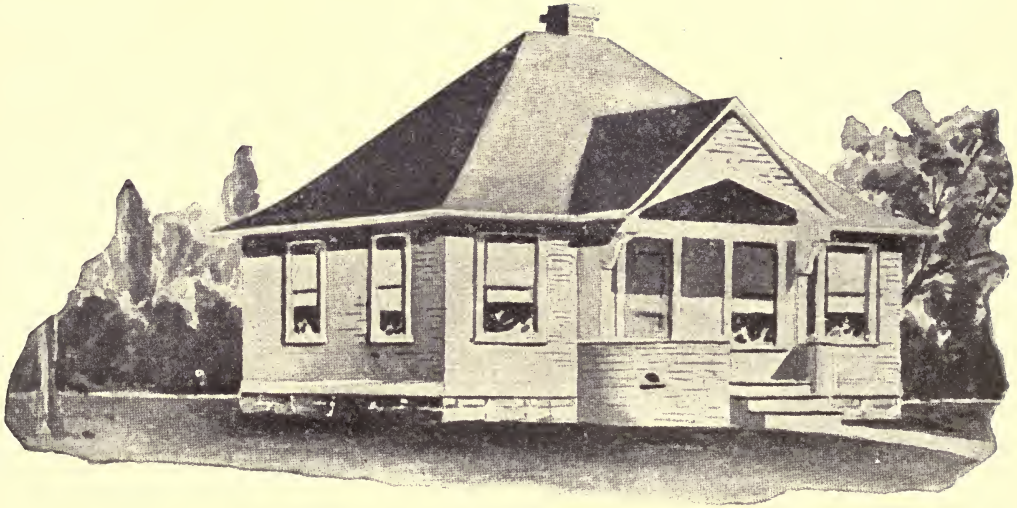
House Design of No. 2087

Floor Plans of No. 2087



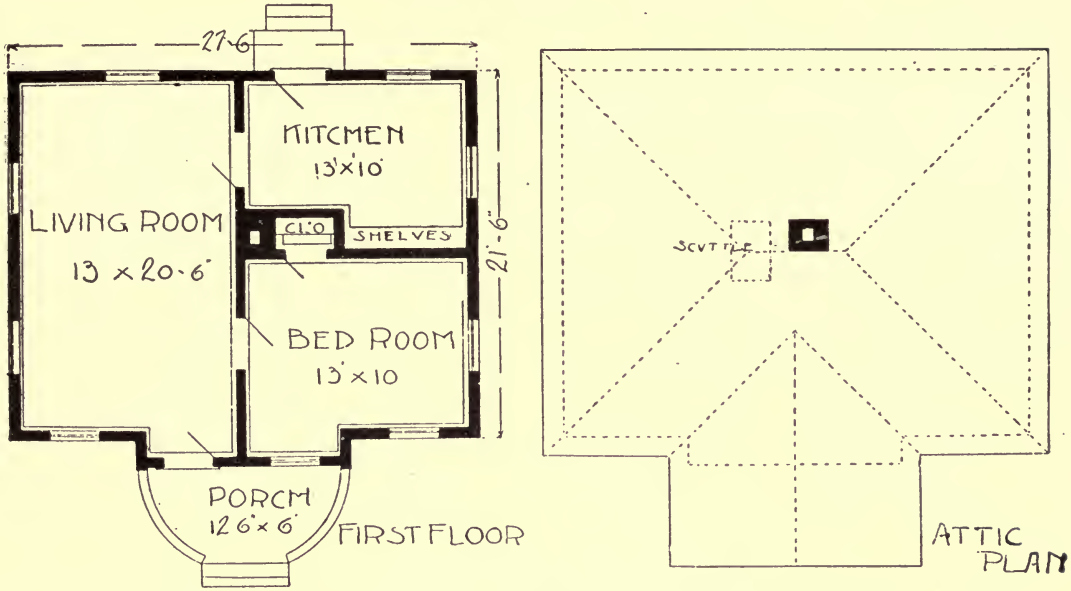
SIZE:
Width, 34 feet
Length, 27 feet

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



House Design No. 2088

Floor Plans of No. 2088

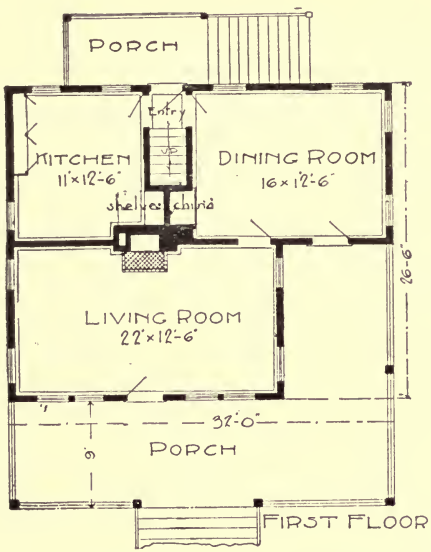


SIZE:
Width, 27 feet 6 inches
Length, 21 feet 6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

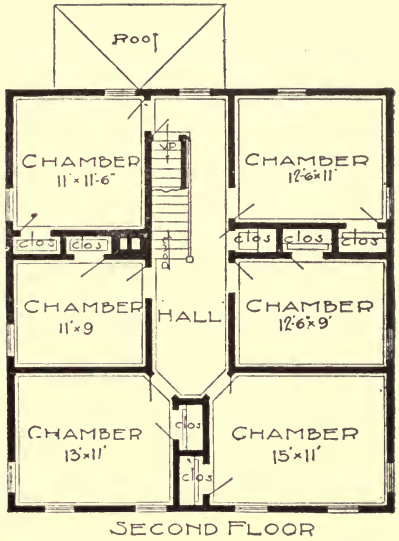
House Design No. 2089

Floor Plans of No. 2089



SIZE:

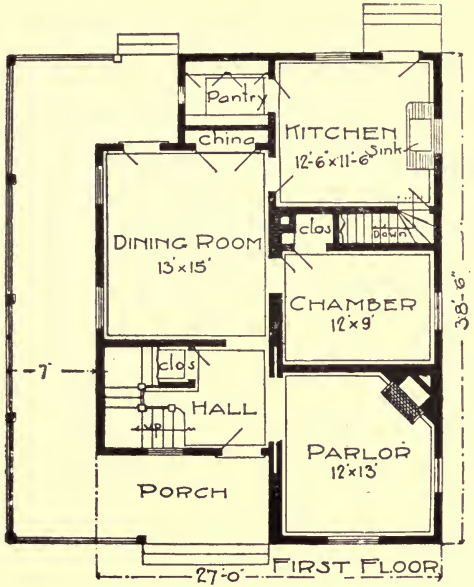
Width, 32 feet
Length, 35 feet
6 inches



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.
Complete typewritten specifications with each set of plans.

House Design No. 2090

Floor Plans of No. 2090



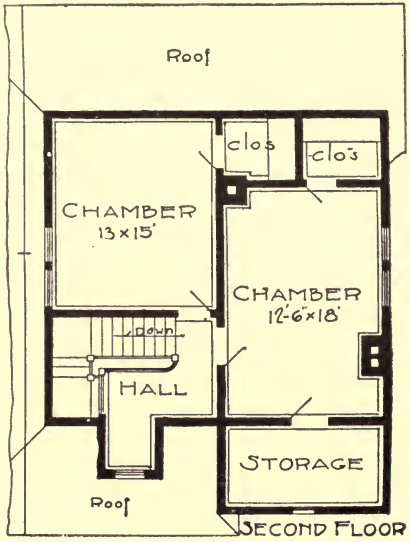
SIZE:

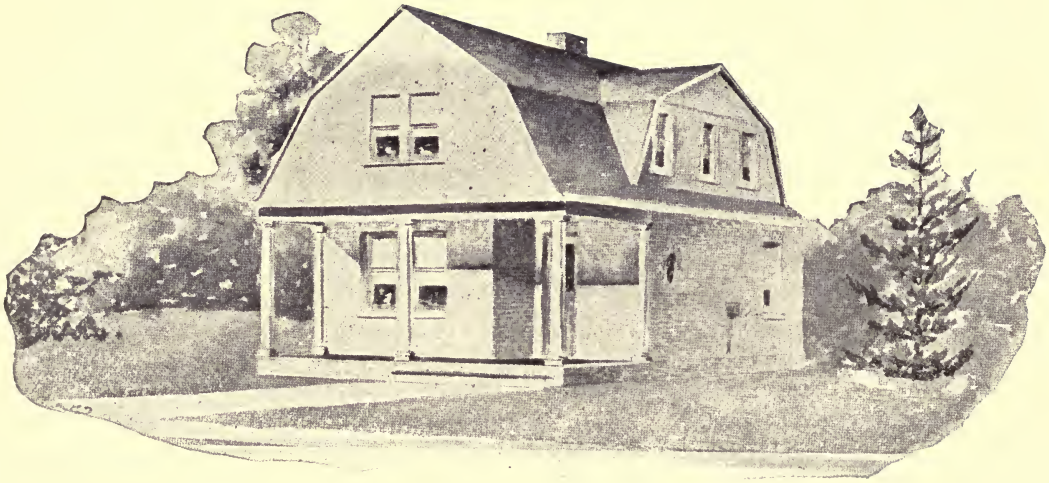
Width, 27 feet

Length, 38 feet 6 inches

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

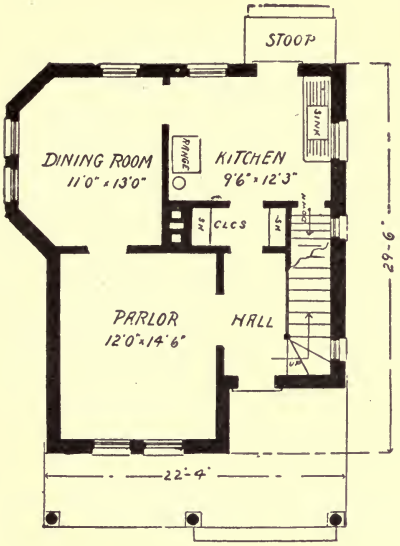
Complete typewritten specifications with each set of plans.





House Design No. 2091

Floor Plans of No. 2091

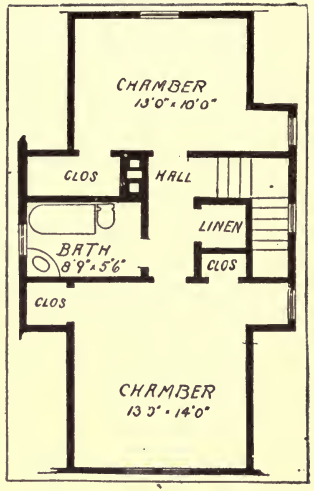


FIRST FLOOR

SIZE:

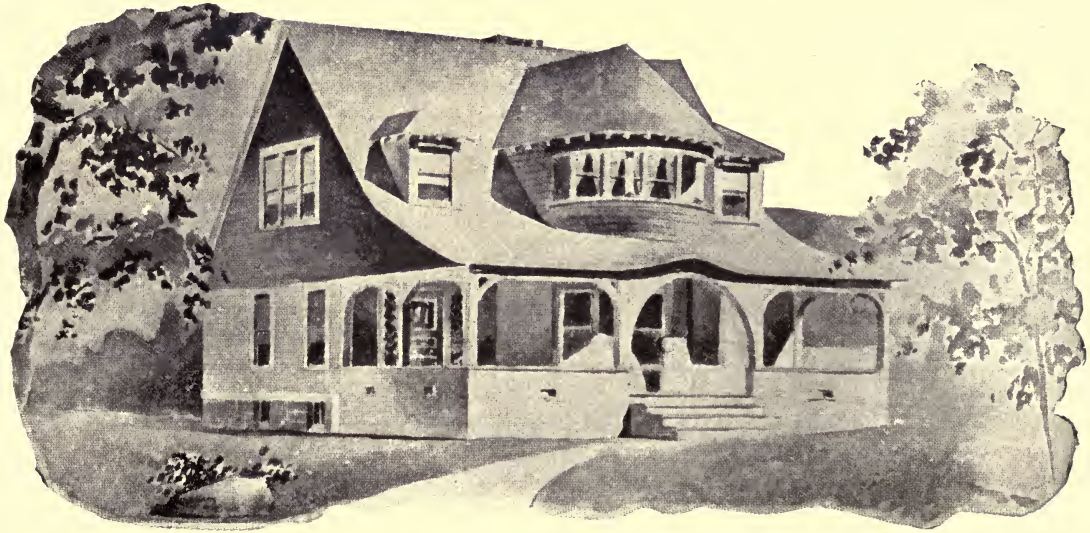
Width, 22 feet 4 inches

Length, 29 feet 6 inches



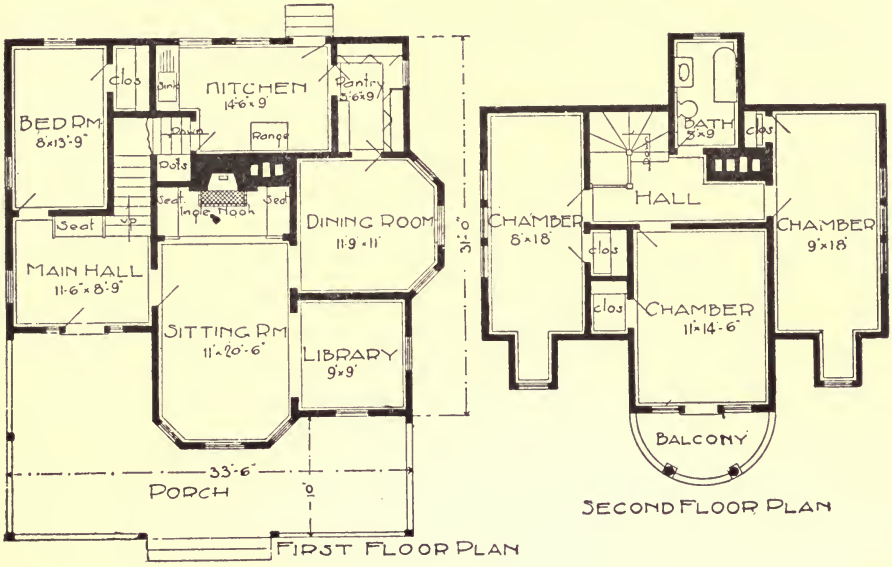
SECOND FLOOR

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



House Design No. 2092

Floor Plans of No. 2092



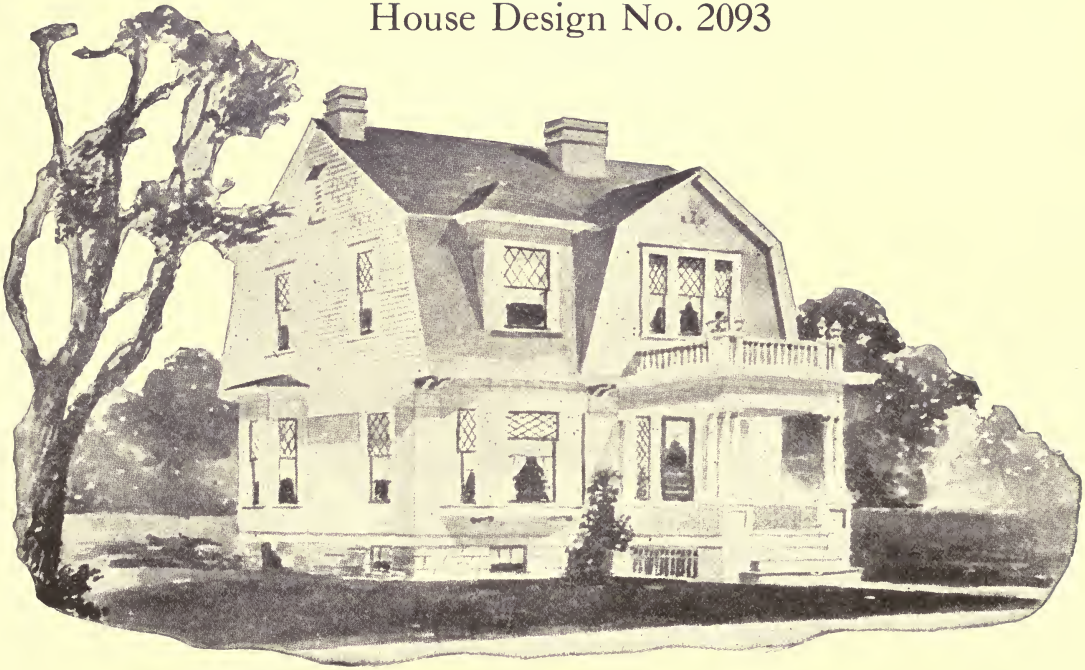
SIZE:

Width, 33 feet
6 inches
Length, 31 feet

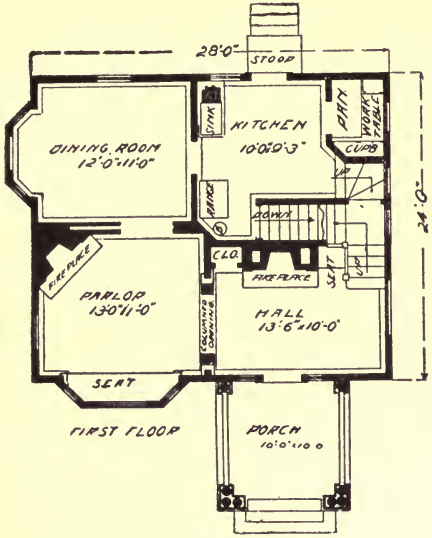
Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations.

Complete typewritten specifications with each set of plans.

House Design No. 2093

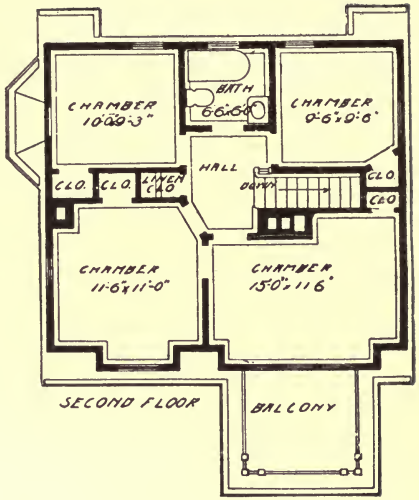


Floor Plans of No. 2093



SIZE:

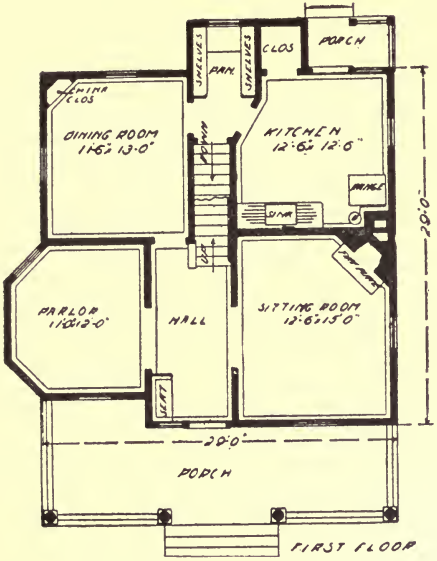
Width, 28 feet
Length, 24 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

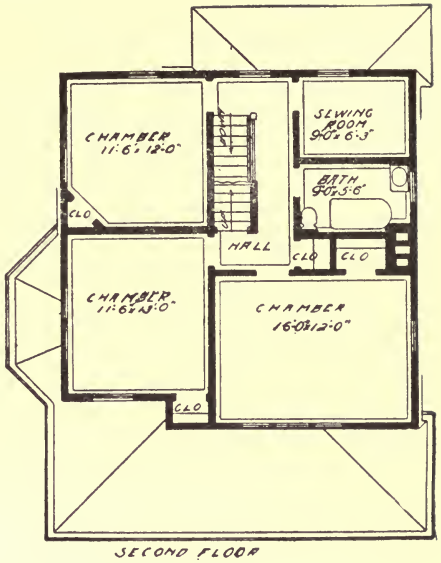
House Design No. 2094

Floor Plans of No. 2094

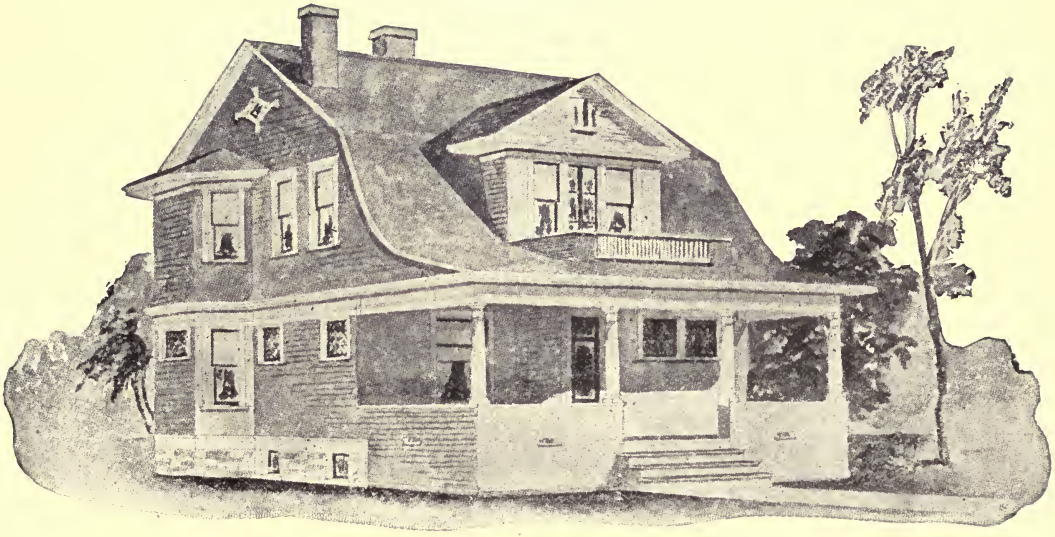


SIZE:

Width, 29 feet
Length, 29 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

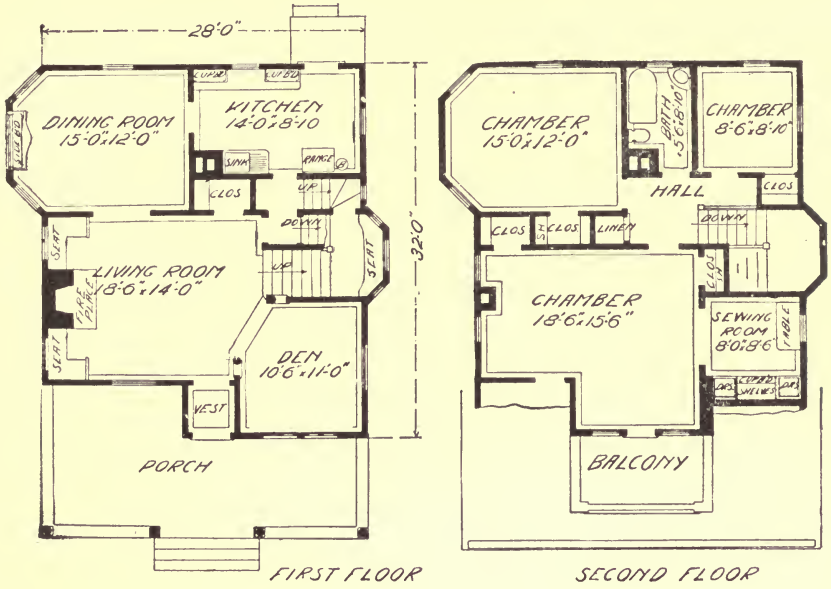


House Design No. 2095.

Floor Plans of No. 2095

SIZE:

Width, 29 feet
Length, 29 feet

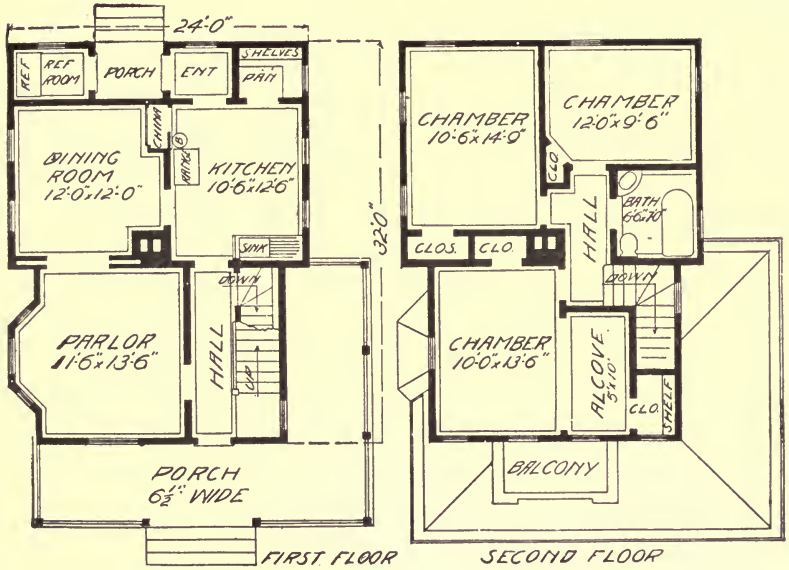


Blue prints consist of cellar and foundation plan; floor plans; front and side elevations.

Complete typewritten specifications with each set of plans.

House Design No. 2096

Floor Plans of No. 2096



SIZE:

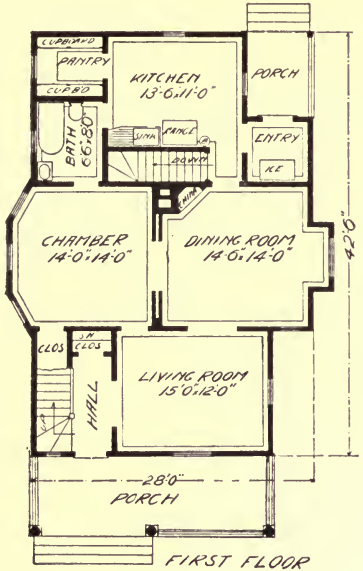
Width, 24 feet
Length, 32 feet

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

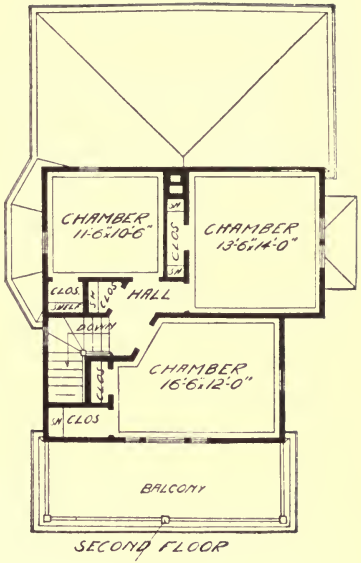
House Design No. 2097

Floor Plans of No. 2097



SIZE:

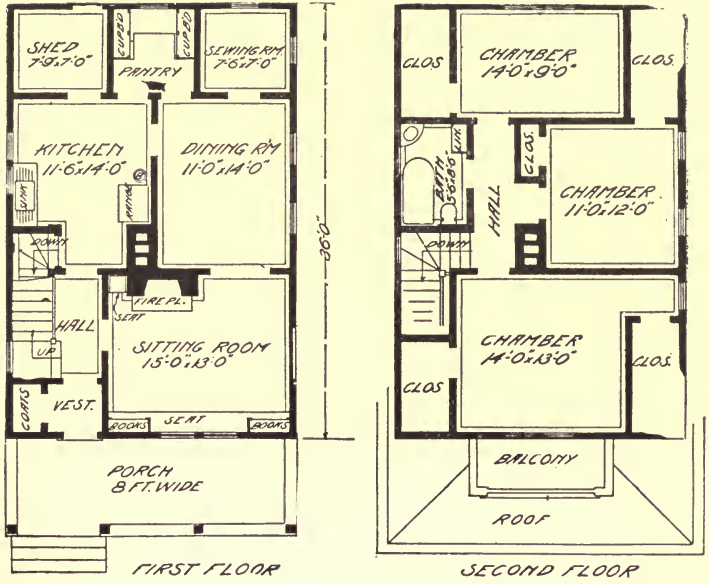
Width, 28 feet
Length, 42 feet 6 inches



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2098

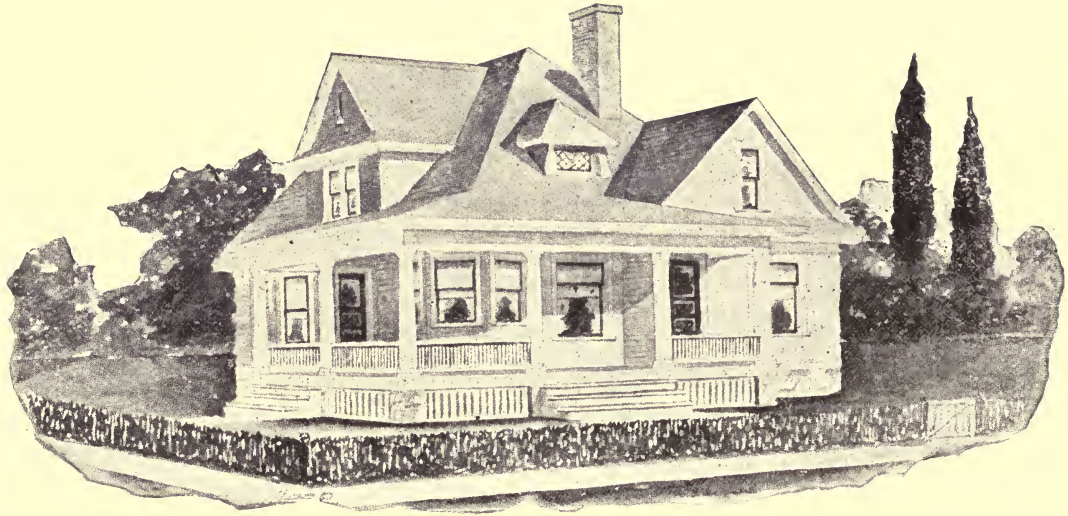
Floor Plans of No. 2098



SIZE:
Width, 24 feet
Length, 36 feet

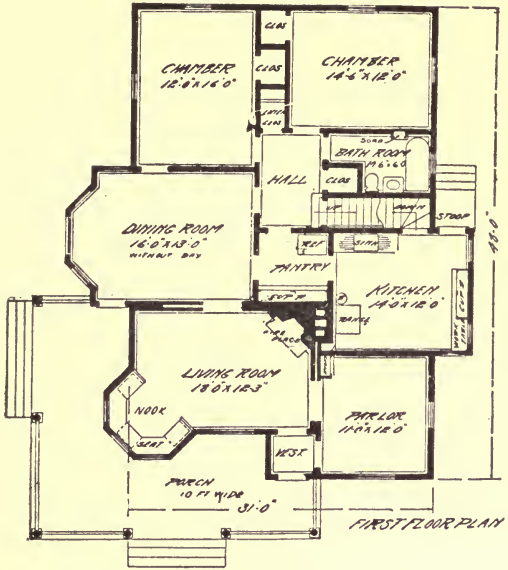
Blue prints consist of floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.



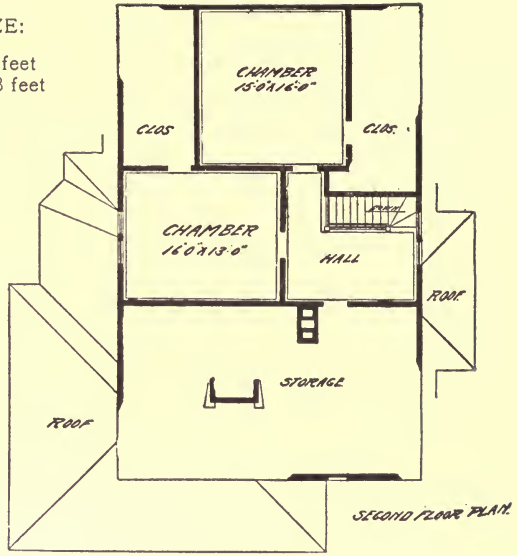
House Design No. 2099

Floor Plans of No. 2099



SIZE:

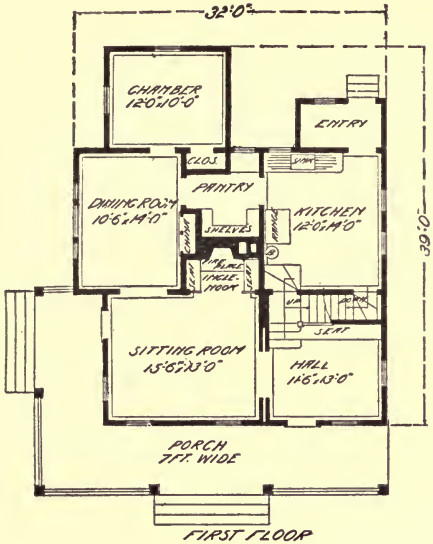
Width, 31 feet
Length, 48 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

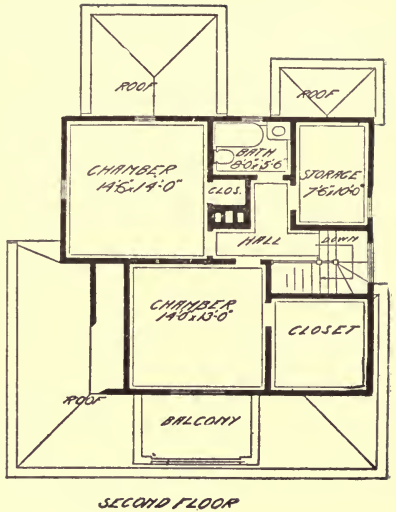
House Design No. 2100

Floor Plans of No. 2100



SIZE:

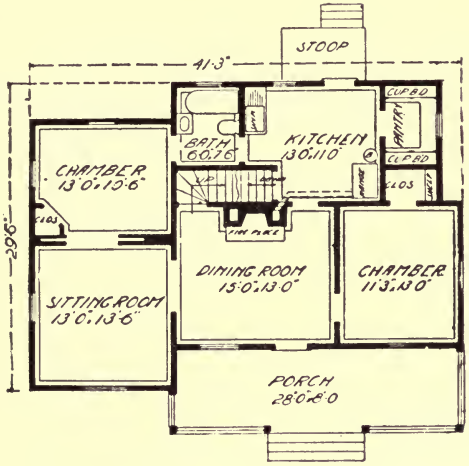
Width, 29 feet
Length, 39 feet



Blue prints consist of cellar and foundation plans; floor plans; front and side elevations.
Complete typewritten specifications with each set of plans.

House Design No. 2101

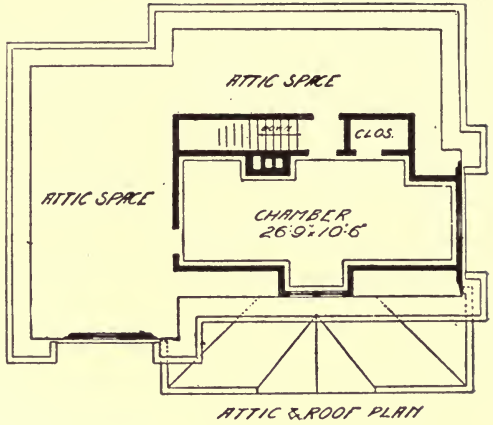
Floor Plans of No. 2101



SIZE:

Width. 41 feet
3 inches

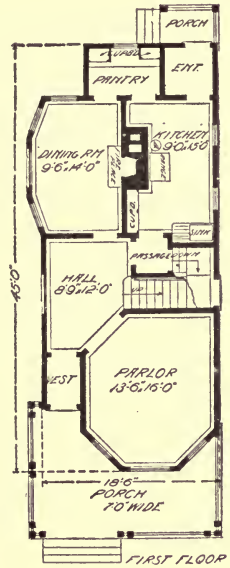
Length, 29 feet
6 inches



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2102

Floor Plans of No. 2102

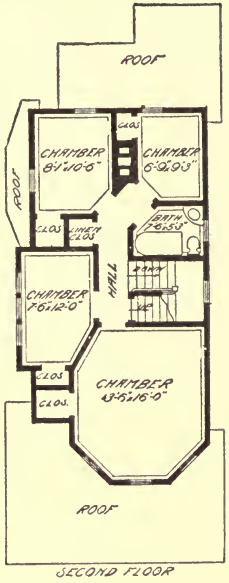


SIZE:

Width, 20 feet
Length, 45 feet

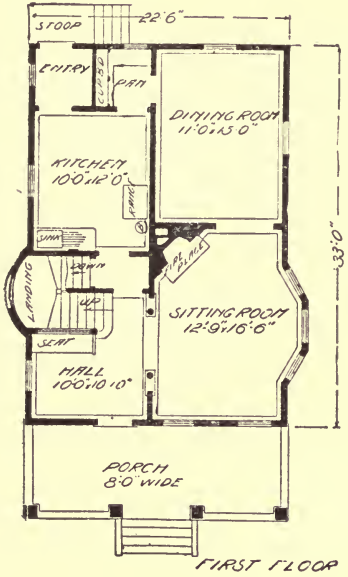
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

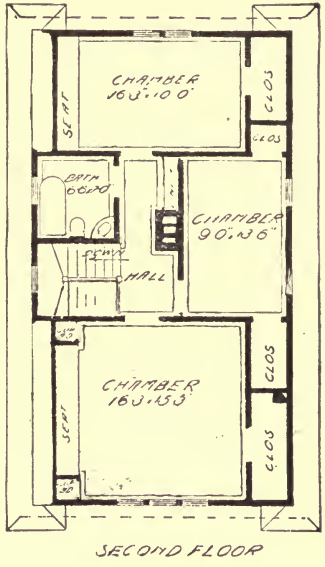
Complete typewritten specifications with each set of plans.



House Design No. 2103

Floor Plans of No. 2103



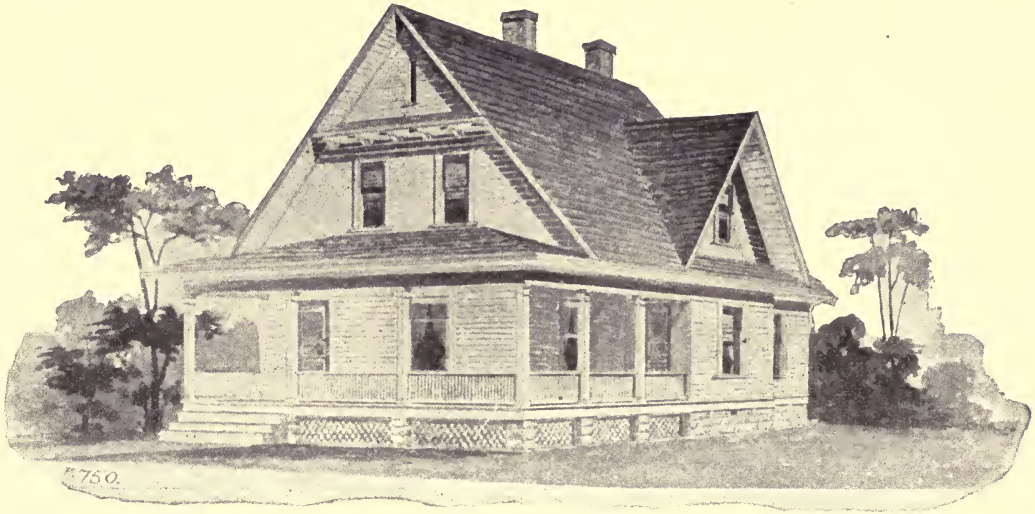


SIZE:

Width, 22 feet 6 inches
Length, 33 feet

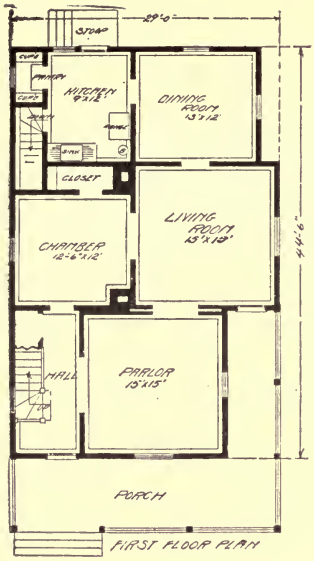
Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.



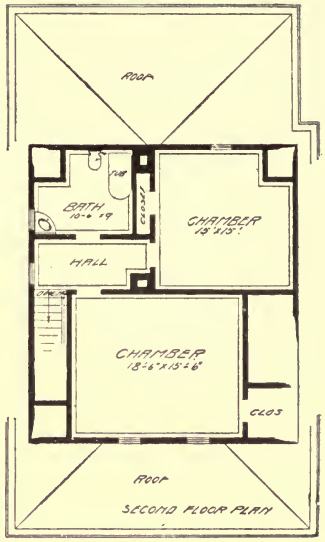
House Design No. 2104

Floor Plans of No. 2104



SIZE:

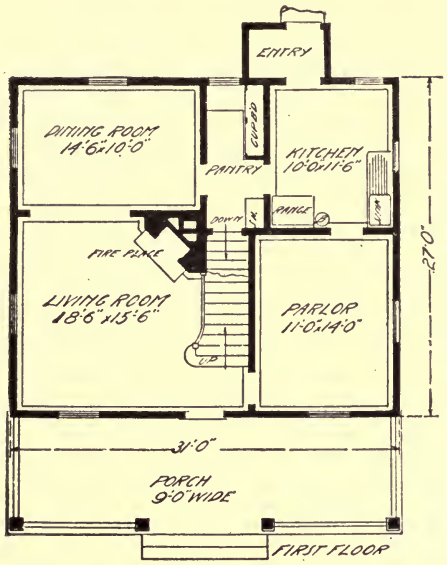
Width, 29 feet
Length, 44 feet 6 inches



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2105

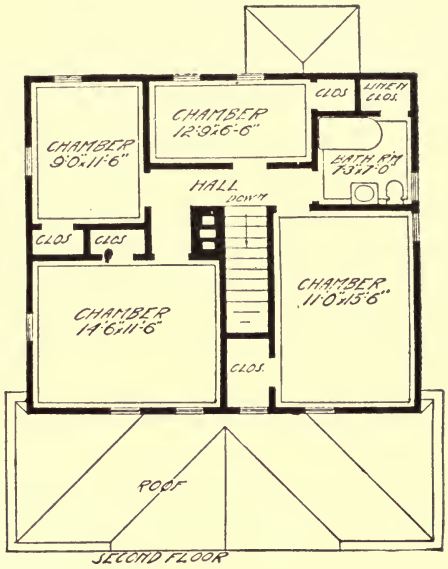
Floor Plans of No. 2105



SIZE:
Width, 31 feet
Length, 27 feet

Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations.

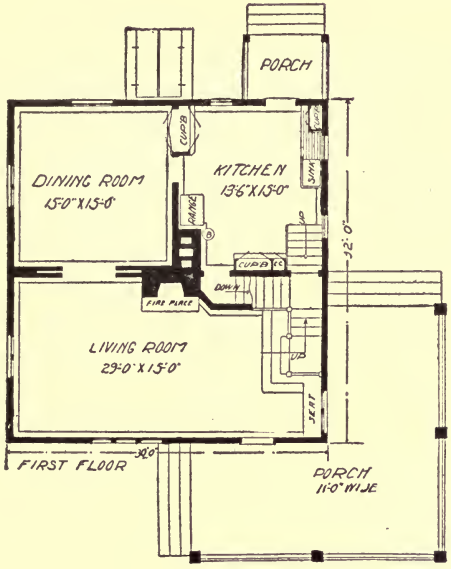
Complete typewritten specifications with each set of plans.

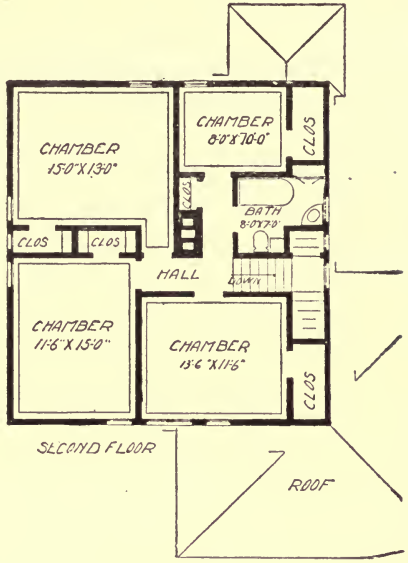


House Design No. 2106

Floor Plans of No. 2106

SIZE:
Length, 30 feet
Width, 32 feet





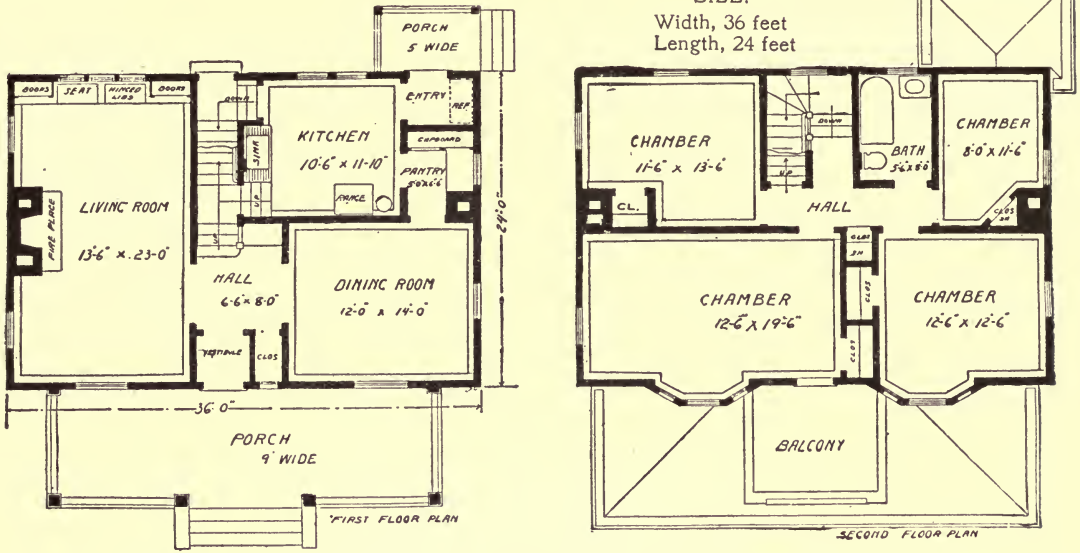
Blue prints consist of cellar and foundation plan; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

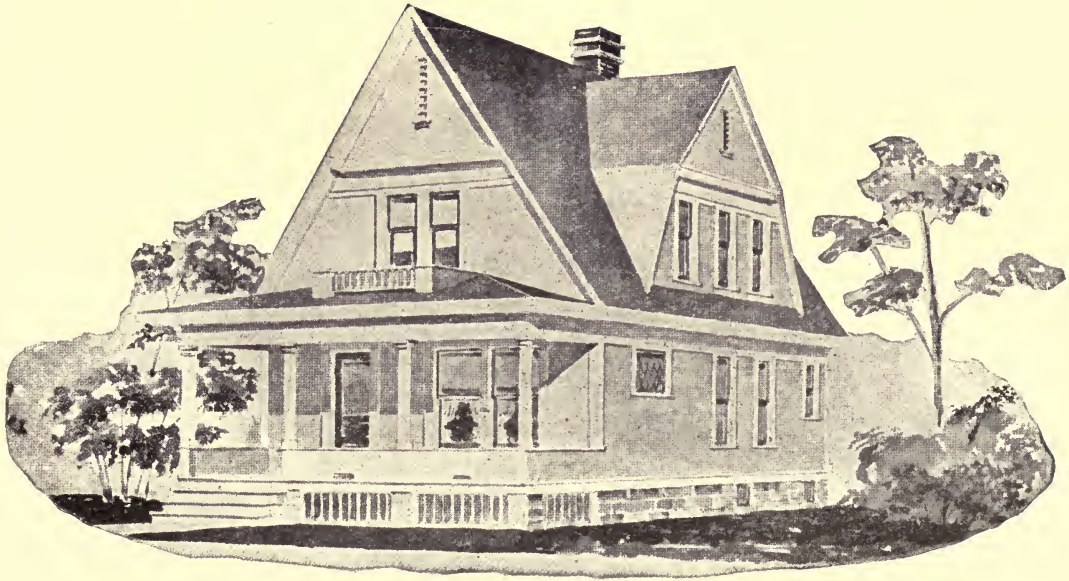
House Design No. 2107

Floor Plans of No. 2107

SIZE:
Width, 36 feet
Length, 24 feet

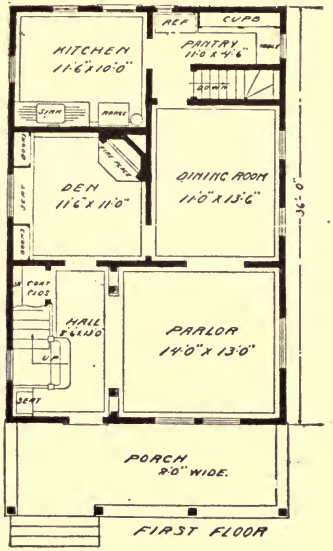


Blue prints consist of foundation plan; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.



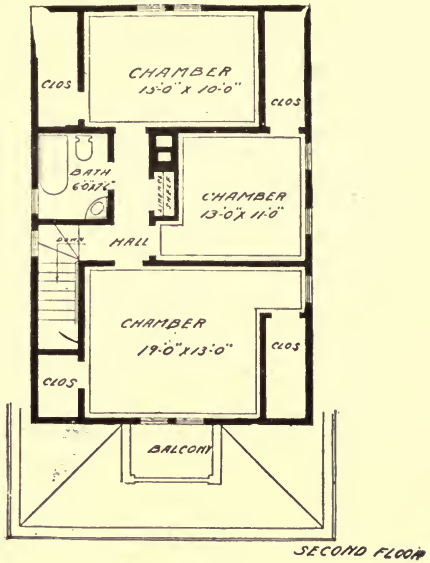
House Design No. 2108

Floor Plans of No. 2108



SIZE:

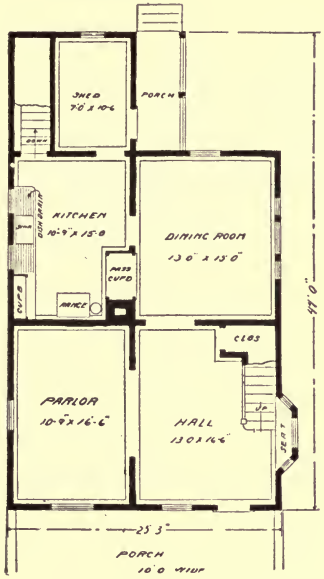
Width, 24 feet
Length, 36 feet



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

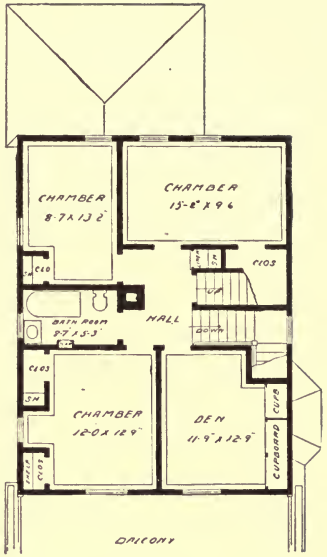
House Design No. 2109

Floor Plans of No. 2109



SIZE:

Width, 25 feet 3 inches
Length, 44 feet

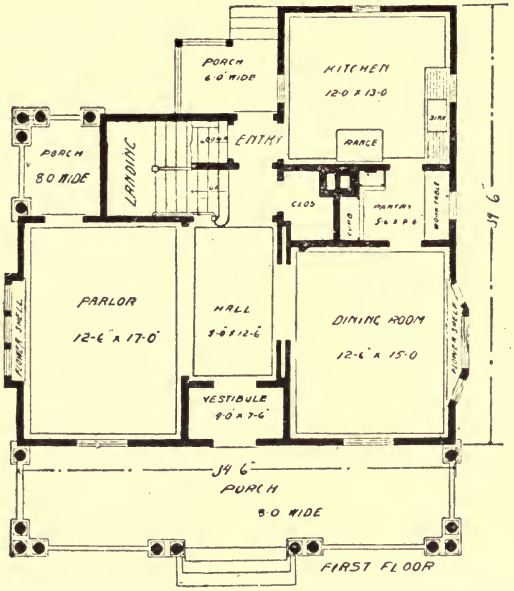


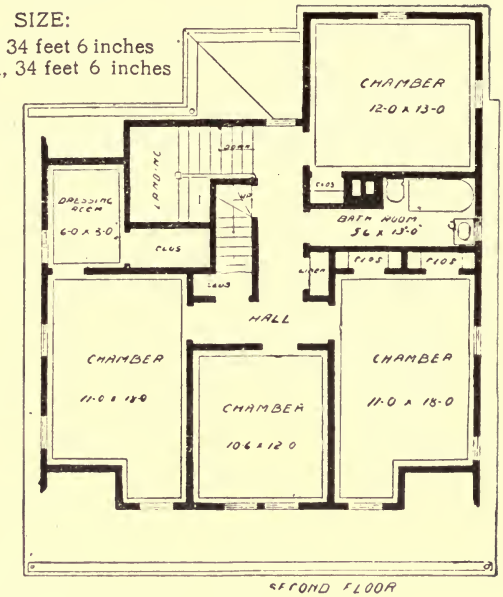
Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2110

Floor Plans of No. 2110

SIZE:
Width, 34 feet 6 inches
Length, 34 feet 6 inches

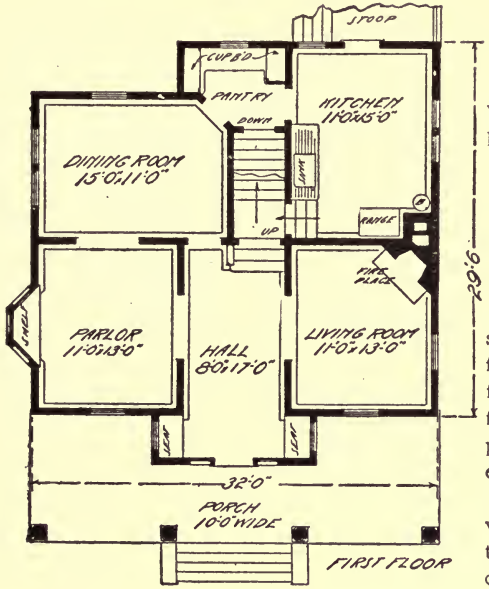




Blue prints consist of cellar and foundation plans; roof plan; floor plans; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2111

Floor Plans of No. 2111

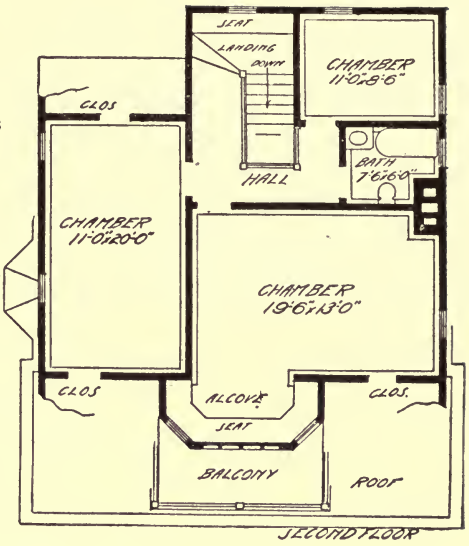


SIZE:

Width, 32 feet
Length, 29 feet
6 inches

Blue prints consist of cellar and foundation plans; first and second floor plans; roof plan; front and side elevations.

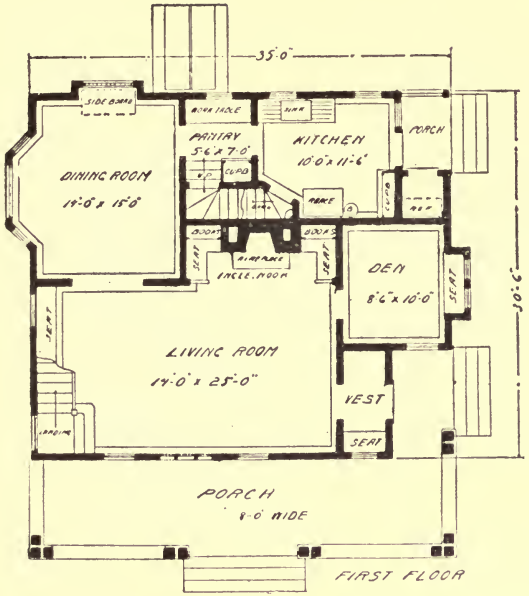
Complete typewritten specifications with each set of plans.

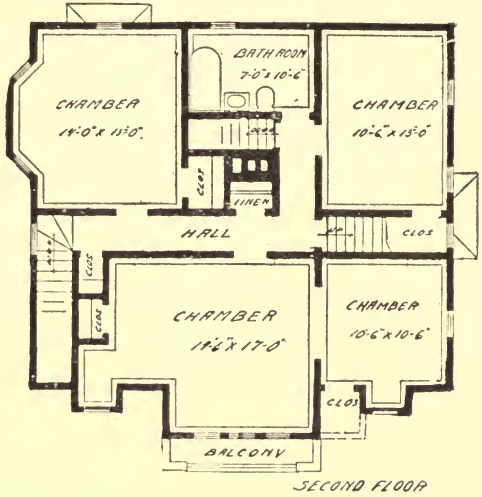


House Design No. 2112

Floor Plans of No. 2112

SIZE:
Width, 35 feet
Length, 30 feet 6 inches



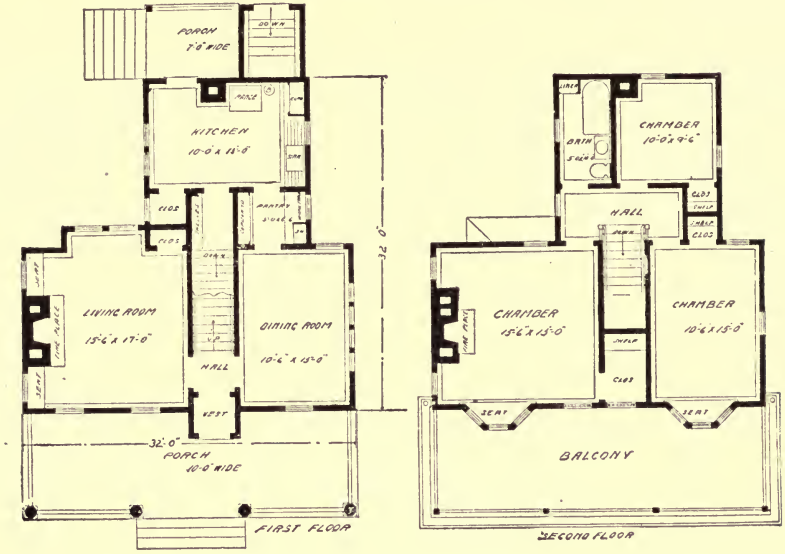


Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2113

Floor Plans of No. 2113

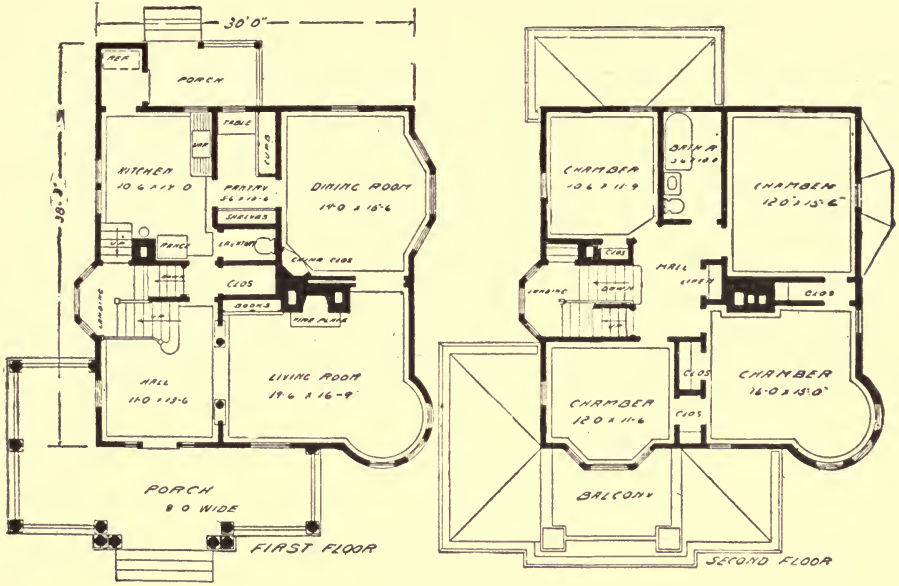
SIZE:
Width, 32 feet
Length. 32 feet



Blue prints consist of cellar and foundation plan; floor plans; front and side elevations. Complete typewritten specifications with each set of plans.

House Design No. 2114

Floor Plans of No. 2114



SIZE:

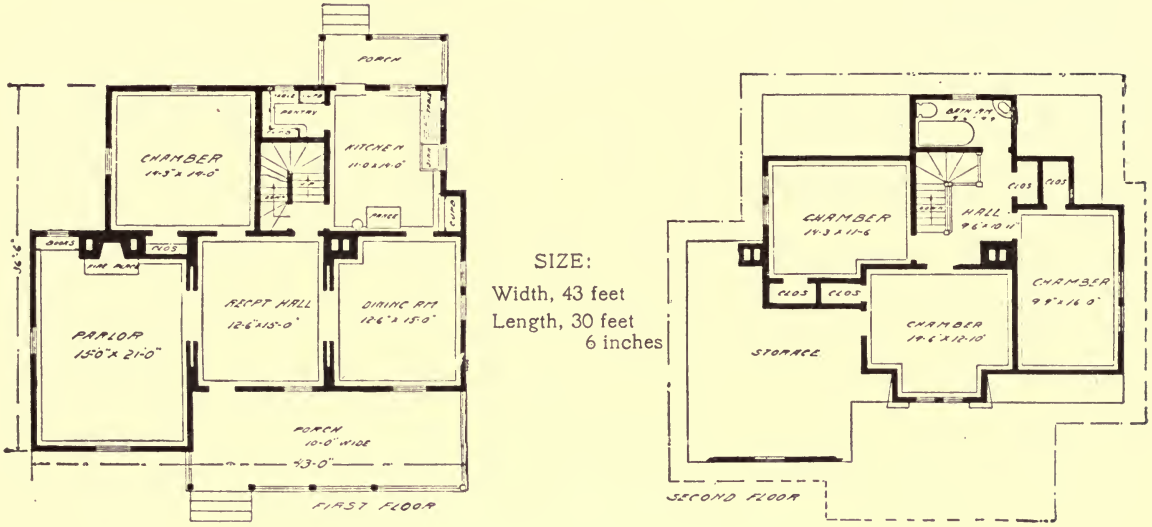
Width, 30 feet
Length, 38 feet

Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations.

Complete typewritten specifications with each set of plans.

House Design No. 2115

Floor Plans of No. 2115



Blue prints consist of cellar and foundation plans; floor plans; roof plan; front and side elevations. Complete typewritten specifications with each set of plans.

ABOUT REVERSAL OF PLANS

We frequently receive letters from builders who would like a certain plan if it could be furnished reversed. This is a matter very easily handled by any contractor who understands his business.

If you so desire we can furnish a reversed blue print at the regular price showing the figures reversed, which might be confusing to the carpenter. To overcome this difficulty, however, it would be better to order an extra set of blue prints printed correctly at an extra cost of $2.50.

ABOUT ALTERATIONS

It is seldom a builder finds a design and floor plans that do not require slight changes. When the general exterior dimensions are undisturbed this can be arranged with your contractor by attaching an agreement to your original contract with him, stating the changes to be made.

This can be done without impairing your contract in the least.

$5.00 SKETCH OFFER

To accommodate those of our patrons who are unable to make a selection from our large list of stock designs, for $5.00 we will make a study in rough to consist of floor plans drawn to scale and perspective illustrating how the house will look when built. However, to do this it will be necessary for us to know the character of house you intend building, by asking you to answer the questions required—and make a rough pencil sketch of floor plans, giving dimensions of rooms etc. After your sketch is completed we will inform you as to the additional cost of complete working plans, specifications, etc. Our main object in making this slight charge is to convince us you mean business and only includes actual time expended.

Which Design suits you best ?.....

Which Floor Plan ?.....

What Size is Lot ?.....

Will House be Brick or Frame ?.....

What Adjoins Lot ?.....

How Many Rooms are Wanted ?.....

How will you Heat ? .....

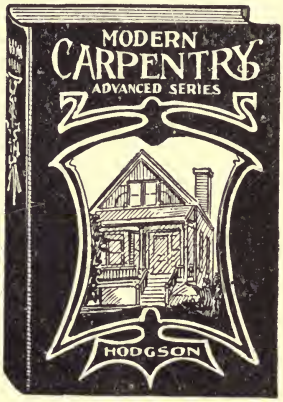
One or Two Stories, and what Height? .....
What Height is Lot Above Street? .....
Give Approximate Limit of Cost ....
Do you want Tank in Attic? .....
Do you want Attic Floored? .....
Do you want Cellar, and where? .....
Do you want Laundry, and where? .....
Plain or Oranamental Design? .....
What Interior Finish? .....
Is Lot High, Low or Sloping? .....
Are Outside Walls to be Sheathed and Papered? .....
Do you like Stained-Shingle effects? .....
When do you intend to build? .....
How Large is Cellar to be? .....
Do you have Sewers? .....
How many fire-places are wanted, and in what rooms? .....
.....
Do you want Brick or Stone Foundation? .....
Do you want Cellar Bottom Cemented? .....
Do you want Cistern? .....
Do you want Cess Pool? .....
Do you want any rooms finished in Attic? .....
Do you want Shingle, Tin or Slate Roof? .....
Do you want Inside or Outside Blinds? .....
Do you want Transoms over Second Story Doors? .....
Have you City Water supply? .....
Do you want full Plumbing in Bath-Room? .....
Do you want House Piped for Gas? .....
Do you want House Wired for Electricity? .....
Do you want Painting Two or Three Coats? .....
Which way will House Face? .....
Is it a Corner or Center Lot? .....
Do you want Double Floors; if so, do you want Deafening Felt put between same? .....
Do you want any Hardwood Floors; if so, what rooms and what kinds of woods? .....
Have you any objections to shingling second story, side walls or gables?
.....
.....
What kind of woods do you want rooms finished in? .....

Modern Carpentry Vol. 2

ADVANCED SERIES

By Fred T. Hodgson

This is a continuation of Mr. Hodgson's first volume on **Modern Carpentry** and is intended to carry the student to a higher plane than is reached by the first volume. The first volume of this series may be considered as the alphabet of the science of carpentry and joinery, while the present volume leads the student into the intricacies of the art and shows how certain difficult problems may be solved with a minimum of labor. Every progressive workman—and especially those who have purchased the first volume of this series—cannot afford to be without this volume, as it contains so many things necessary the advanced workman should know, and that is likely to crop up at any time during his daily labors. The work is well illustrated with over 100 diagrams, sketches and scale drawings which are fully described and explained in the text. Many puzzling working problems are shown, described and solved. This is truly a valuable aid and assistant for the progressive workman.



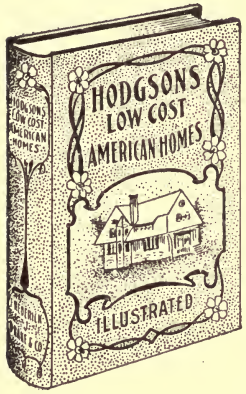
300 pages, fully illustrated. 12mo, cloth, price, $1.50

Sold by Booksellers generally or sent postpaid to any address upon receipt of price by the Publishers

FREDERICK J. DRAKE & CO.

350-352 WABASH AVE., CHICAGO, U. S. A.

HODGSON'S
Low Cost American Homes



Arranged and Edited by
FRED T. HODGSON
Architect

This book contains perspective views and floor plans of one hundred houses, churches, school houses and barns, and is without a doubt the most practical work ever issued. The plans shown have been built from, and many of them duplicated many times over. All are practical, the creation of the well-known author, including many other architects throughout the United States and Canada, and are alike valuable to builders and any one who has in view the erection of a house, etc. The plans are susceptible of slight changes that will adapt them to any taste. The carpenter, remote from the city, needs just such a book to refer to, or to exhibit to his customer so that the latter can give his orders in an intelligible manner. The much desired economy on these structures is not, however, obtained at the expense of beauty—every one of the designs, even the very cheapest, is pleasing to the eye. Following the ideas laid down, the builder is sure to obtain a pretty result. Another result aimed at by Mr. Hodgson is the convenience of internal arrangements. Many a good house has been spoiled by having the much needed closet room omitted. All this has been carefully studied by the practical and experienced architects who have compiled this book, so the owner or working builder who selects a design from this work will be sure to secure all the elegance, convenience and economy possible in the erection of the house. The publishers furnish perfect blue prints, including a book of specifications at the printed prices shown in the book. The average price of blue prints and specifications is $5.00 per set, and they are just the same as plans which, if prepared especially by an architect, would cost from $50.00 to $75.00.

The book contains over 225 pages, nearly 300 illustrations, printed on a superior quality of machine finished paper, durably bound in English cloth with unique designs in two colors of ink.

Price $1.00

FREDERICK J. DRAKE & CO., Publishers
350-352 Wabash Avenue, CHICAGO, ILL.

The Builder and Contractor's Guide

TO CORRECT MEASUREMENTS of areas and cubic contents in all matters relating to buildings of any kind. Illustrated with numerous diagrams, sketches and examples showing how various and intricate measurements should be taken :: :: :: :: :: :: :: :: ::

By Fred T. Hodgson, Architect, and W. M. Brown, C.E. and Quantity Surveyor

THIS is a real practical book, showing how all kinds of odd, crooked and difficult measurements may be taken to secure correct results. This work in no way conflicts with any work on estimating as it does not give prices, neither does it attempt to deal with questions of labor or estimate how much the execution of certain works will cost. It simply deals with the questions of areas and cubic contents of any given work and shows how their areas and contents may readily be obtained, and furnishes for the regular estimator the data upon which he can base his prices. In fact, the work is a great aid and assistant to the regular estimator and of inestimable value to the general builder and contractor.

12mo, cloth, 300 pages, fully illustrated, price - $1.50

Sold by Booksellers generally or sent postpaid to any address upon receipt *of* price by the Publishers

FREDERICK J. DRAKE & CO.

350-352 WABASH AVE. CHICAGO, U.S.A.

Concretes, Cements, Mortars, Plasters and Stuccos

How to Make and How to Use Them

By

Fred T. Hodgson

Architect

THIS is another of Mr. Hodgson's practical works that appeals directly to the workman whose business it is to make and apply the materials named in the title. As far as it has been possible to avoid chemical descriptions of limes, cements and other materials, and theories of no value to the workman, such has been done, and nothing has been admitted into the pages of the work that does not possess a truly practical character.

Concretes and cements have received special attention, and the latest methods of making and using cement building blocks, laying cement sidewalks, putting in concrete foundations, making cement casts and ornaments, are discussed at length. Plastering and stucco work receive a fair share of consideration and the best methods of making and using are described in the usual simple manner so characteristic of Mr. Hodgson's style. The book contains a large number of illustrations of tools, appliances and methods employed in making and applying concretes, cements, mortars, plasters and stucco, which will greatly assist in making it easy for the student to follow and understand the text

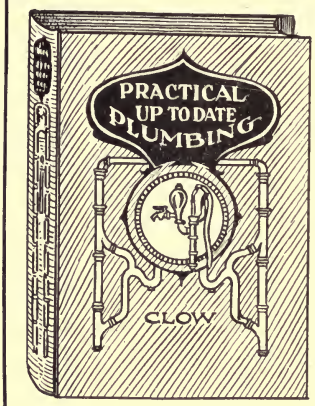
300 pages fully illustrated.

12 Mo. Cloth, ... Price, $1.50

Sold by Booksellers generally or sent postpaid to any address upon receipt of price by the Publishers

Frederick J. Drake & Co.

350-352 Wabash Ave., CHICAGO, U. S. A.



Practical Up-to-Date PLUMBING

By

George B. Clow

Over 150 Illustrations

A PRACTICAL up-to-date work on Sanitary Plumbing, comprising useful information on the wiping and soldering of lead pipe joints and the installation of hot and cold water and drainage systems into modern residences. Including the gravity tank supply and cylinder and tank system of water heating and the pressure cylinder system of water heating. Connections for bath tub. Connections for water closet. Connections for laundry tubs. Connections for wash-bowl or lavatory. A modern bath room. Bath tubs. Lavatories. Closets. Urinals. Laundry tubs. Shower baths. Toilet room in office buildings. Sinks. Faucets. Bibb-cocks. Soil-pipe fittings. Drainage fittings. Plumber's tool kit, etc., etc.
256 pages, 180 illustrations.

12 Mo. Cloth $1.50

Sold by Booksellers generally or sent postpaid to any address upon receipt *of* price by the Publishers

FREDERICK J. DRAKE & CO.
350-352 Wabash Ave., Chicago, U. S. A.

Fred T. Hodgson's New (1903) Books For Builders

STEEL SQUARE

A TREATISE OF THE PRACTICAL USES OF

By FRED. T. HODGSON, Architect.

New and up-to-date. Published May 1st, 1903. Do not mistake this edition for the one published over 20 years ago.

This is the latest practical work on the Steel Square and its uses published. It is thorough, accurate, clear and easi y understood. Confounding terms and phrases have been religiously a v o i d e d w h e r e possible, and everything in the book has been made so plain that a boy twelve years of age, possessing ordinary intelligence, can understand it from beginning to end.

It is an exhaustive work including some very ingenious devices for laying out bevels for rafters, braces and other inclined work; also chapters on the Square as a calculating machine, showing how to measure Solids, Surfaces and Distances—very useful to builders and estimators. Chapters on roofing and how to form them by the aid of the Square. Octagon, Hexagon, Hip and other roofs are shown and explained, and the manner of getting the rafters and jacks given. Chapters on heavy timber framing, showing how the Square is used for laying out Mortises, Tenons, Shoulders, Inclined Work, Angle Corners and similar work. The work also contains a large number of diagrams, showing how the Square may be used in finding Bevels, Angles, Stair Treads and bevel cuts for Hip, Valley, Jack and other Rafters, besides methods for laying out Stair Strings, Stair Carriages and Timber Structures generally. Also contains 25 beautiful halftone illustrations of the perspective and floor plans of 25 medium priced houses.

The work abounds with hundreds of fine illustrations and explanatory diagrams which will prove a perfect mine of instruction for the mechanic, young or old.

Two large volumes, 560 pages, nearly 500 illustrations, printed on a superior quality of paper from new large type.

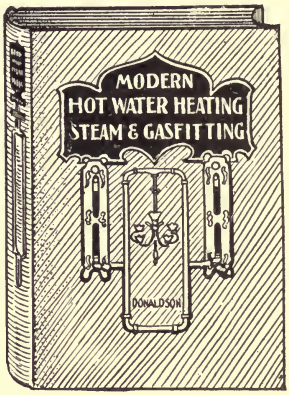
Price, 2 Vols., cloth binding	**$2.00**
Price, 2 Vols., half-leather binding	**3.00**
Single Volumes, Part I, cloth	**1.00**
" " Part I, half- leather	**1.50**
" " Part II, cloth	**1.00**
" " Part II, one half-leather	**1.50**

SEND FOR COMPLETE ILLUSTRATED CATALOGUE FREE

FREDERICK J. DRAKE & CO.

PUBLISHERS OF SELF-EDUCATIONAL BOOKS

350-352 WABASH AVE., CHICAGO, ILL.



Hot Water Heating, Steam and Gas Fitting

By WM. DONALDSON

A MODERN treatise on Hot Water, Steam and Furnace Heating, and Steam and Gas Fitting, which is intended for the use and information of the owners of buildings and the mechanics who install the heating plants in them. It gives full and concise information with regard to Steam Boilers and Water Heaters and Furnaces, Pipe Systems for Steam and Hot Water Plants, Radiation, Radiator Valves and connections, Systems of Radiation, Heating Surfaces, Pipe and Pipe Fittings, Damper Regulators, Fitters' Tools, Heating Surface of Pipes, Installing a Heating Plant and Specifications. Plans and Elevations of Steam and Hot Water Heating Plants are shown and all other subjects in the book are fully illustrated.

256 pages, 121 illustrations, 12mo, cloth, price, $1.50

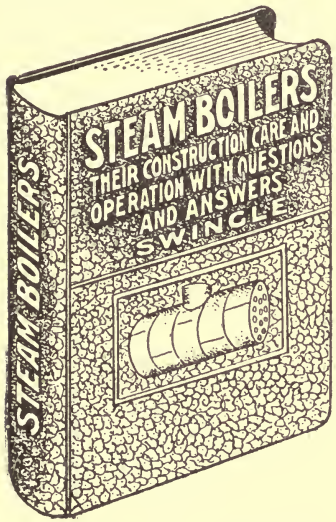
Sold by Booksellers generally or sent postpaid to any address upon receipt of price by the Publishers

FREDERICK J. DRAKE & CO.
350-352 WABASH AVENUE, CHICAGO, U.S.A.

STEAM BOILERS, THEIR CONSTRUCTION, CARE AND OPERATION, with questions and answers.

By C. F. SWINGLE, M. E.

A complete modern treatise, fully describing, with illustrations, the steam boiler of various types. Construction and rules for ascertaining the strength for finding safe working pressure. Boiler settings and appurtenances grate surface insulation, cleaning tubes, safety valve calculations, feed pumps, combustion, evaporation tests with rules, strength of boilers, and mechanical stokers. 200 pages, fully illustrated.



The latest and most complete treatise on boilers published. 16mo. Full leather limp binding.

PRICE NET

$1.50

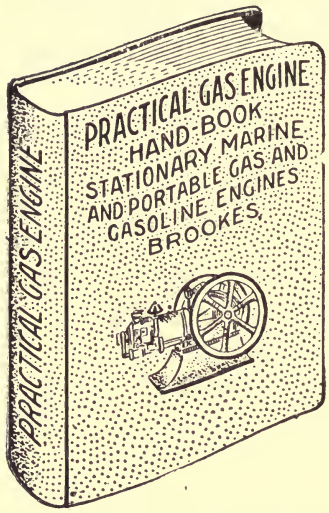
Sent Postpaid to any Address in the World upon Receipt of Price

FREDERICK J. DRAKE & CO.

PUBLISHERS

350-352 Wabash Avenue, CHICAGO, ILL.

The Practical Gas & Oil Engine HAND-BOOK



A MANUAL of useful information on the care, maintenance and repair of Gas and Oil Engines.

This work gives full and clear instructions on all points relating to the care, maintenance and repair of Stationary, Portable and Marine, Gas and Oil Engines, including How to Start, How to Stop, How to Adjust, How to Repair, How to Test.

Pocket size, 4x6½. Over 200 pages. With numerous rules and formulas and diagrams, and over 50 illustrations by L. ELLIOTT BROOKES, author of the "Construction of a Gasoline Motor," and the "Automobile Hand-Book."

This book has been written with the intention of furnishing practical information regarding gas, gasoline and kerosene engines, for the use of owners, operators and others who may be interested in their construction, operation and management.

In treating the various subjects it has been the endeavor to avoid all technical matter as far as possible, and to present the information given in a clear and practical manner.

16mo. Popular Edition—Cloth. Price.....$1.00
Edition de Luxe—Full Leather Limp. Price..... 1.50

Sent Postpaid to any Address in the World upon Receipt of Price

FREDERICK J. DRAKE & CO.

PUBLISHERS

350-352 Wabash Avenue, CHICAGO, ILL.

LEARN LAW AT HOME

We Offer You a Legal Education
Within the Reach of All

The Home Law School Series

By CHAS. E. CHADMAM, LL.D., *Member of the Ohio Bar*

LAW PRACTICE

IN State examinations in every State for admission to the Bar, students of these books have passed with distinction. This course is indorsed by the Bench, Bar and Law Schools. During eight successful years these books have proven their practicability. Every man or boy who aspires to the *highest success in business* will be helped immensely by this modern course in Commercial Law. The demands of the day are for business men with sufficient knowledge to guide great enterprises safely. No business man can afford to miss this opportunity to enlarge his capacity *"In Public Life."* Legal training is almost essential in an efficient executive or law maker. Our government must, in all its branches, be dominated by minds with legal training.

Single copies can be had at $1.50 each, or the set of twelve volumes, boxed, for $18.00. They are elegantly and substantially bound in ***Half Law Sheep***, Library Style, with Leather Labels Stamped in Gold, and average 225 pages per volume. All sent charges paid upon receipt of price to any address in United States or Canada.

1. How to Study Law.....$1.50
2. Constitutional Law--Federal and State..... 1.50
3. Personal Rights and Domestic Relations..... 1.50
4. Contracts and Partnership..... 1.50
5. Agency and Bailments, Including Common Carriers..... 1.50
6. Negotiable Instruments and Principal and Surety..... 1.50
7. Wills and Settlement of Estates..... 1.50
8. Personal Property and Equity or Chancery Law..... 1.50
9. Public Corporations and Private Corporations..... 1.50
10. Real Property and Pleading and Practice..... 1.50
11. Criminal Law, Criminal Procedure and Evidence..... 1.50
12. Public International Law and Legal Ethics..... 1.50

Send us your name and the names of friends who may likely be interested in the study of law, and we will send literature, and also an easy payment plan of purchasing these volumes in a way that you do not miss the money.

FREDERICK J. DRAKE & CO.

PUBLISHERS

350-352 Wabash Avenue, CHICAGO, ILL.